UK LINK INFORMATION LIBRARY GLOSSARY

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GLOSSARY OF TERMS

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GLOSSARY OF TERMS

1. Terms and Acronyms

Term	Description	Definition
A		
AA	Allocation Agent	
ABAP	Advanced Business Application Programming	The programming language environment for SAP development. All ABAP programs reside inside the SAP database and not stored as external files. The environment including syntax checking, code generation and runtime system is part of the SAP Basis component/layer.
ACAF	Amendment Contract Approval Form	
	Actual Reading	Means a Meter Reading obtained by inspection by a Meter Reader, a Meter Reading received from a smart Meter or remote meter reading equipment.
AGB	Architecture Governance Board	Board within Xoserve which provides definition of roadmaps and strategy, assurance and alignment with design.
AIS	Datalogger Asset Number	A unique reference number for datalogger instruments (daily read equipment - DRE). This has been renamed to DRE Number
ALE	Application Linking and Enabling	A mechanism for the exchange of business data between loosely-coupled R/3 applications built by customers of SAP, the enterprise resource management program.
ALP	Annual Load Profiles	
AMR	Automatic Meter Reading Equipment	Automated Meter Reading equipment that derives readings from the meter or sends reads from the meter.
AMT	AMT Market Flow	AMT Marketflow is the application used to manage external data, transforming it for integration into and from SAP.
API	Application Programming Interface	A set of routines, protocols and tools for building software applications. The API specifies how software components should interact and are used when programming graphical user interface (GUI) components. A good API makes it easier to develop a programme by providing all the building blocks. A programmer then puts the blocks together.
AQ	Annual Quantity	The AQ means the estimate of the quantity offtaken from the NTS in the period of 12 months, on a customer by customer basis, at Seasonal Normal.
ARCV	Aggregate Reconciliation Cleansing Value	
AREV	Adjusted Review Charge	
ARO	Aggregate Reconciliation Quantity	
ASR	Asset Attach Response in UK LINK	

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AUGE	Allocation of Unidentified Gas Expert	The AUGE determines the allocation of Unidentified Gas between meter points by Class, AQ banding and EUC.
AWV	Actual Weather Variable	File received from Weather Service Provide (WSP).
B		
B	Basis (SAP)	There are three layers to SAP, the technical part; application and the presentation. The SAP Basis points to everything in the system connected to the technical layer. The SAP Basis team deals with the administration of the SAP system. That is the people who install, configure, update, patch, migrate, troubleshoot any technical problem on the SAP system and manage all the daily operations of the system. Moreover Basis defines the interface between the system components and the Basis components, which includes the development platform for SAP applications and data dictionary. System administration, user administration and monitoring tools are also features of the Basis components in the SAP system.
BEX	Business Explorer	Technical reporting tool for writing reports without a universe. BEX queries interact with BW application.
BO	Business Objects	Tool for report writing
BODS	Business Objects Data Services	Tool for extracting data and loading (for reporting purposes)
BP	Business Partner	Consumers, stakeholders such as Shippers, Networks, MAMs are stored as Business Partners. The Business Partner holds static information such as name, address, contact details, bank details, VAT number, etc. Vulnerable customer and emergency contacts are also stored against the Business Partner.
BPEM	Business Process Exception management	Also known as EMMA cases. If SAP is not able to complete a process for example, where the data is not correct, an exception is generated for manual resolution. Exceptions are classified as Business and Technical exceptions.
BPRG	Best Practice Review Group	An organisation of the Business Project representative whose objective is to review, approve and implement improvements to new and existing business project processes
BRD	Business Requirement Document	This document captures the business change objectives and needs of the project's Senior User. Business requirements for the system – first stage action.
BSSOQ	Bottom Stop Supply Point off-take Quantity	This is the highest value of peak day flow measured for a DM supply point in the previous year. No longer supported in SAP. Replaced by Current Year Minimum (CYM).
BFT	Bulk File Transfer Mechanism	Moves interface files between the DNs and Xoserve
BW	Business Warehouse	Data warehouse (database) for use in reporting, Data Enquiry. Service (DES) and Portal access for internal and external users.
	Bypass	Device installed to ensure continued gas flow during meter maintenance or exchange.

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C		
CA	Contract Account	A Contract Account is required to raise invoices between the Network and Shipper. There will be one Contract Account for each Shipper/Network combination.
CAF	Contract Approval Form	
CC	Confirmation Change Request	A communication that Xoserve generates requesting a Shipper to specific action in order for their Contact (CMS) to be resolved
CCA	Customer Capacity Charge	
CDSP	Central Data Services Provider	Central Data Services Provider is the person for the time being appointed by the Transporters as central data services provider pursuant to the CDSP Licence Condition.
CM	Check Meter	A customer owned meter
CED	Case Events Description	Denotes a stage within a life cycle of a Contact (CMS process)
CFI	Customer Fixed Charge	
	Class 1 Daily Metered Time Critical Readings (DM)	Any site with an AQ >58.6m kWh, together with all NTS, LDZ telemetered, DNI contract, Seasonal and LDZ CSO sites and shared Supply Meter points must be Class 1. Readings will be submitted by the DMSP
	Class 2 Daily Metered Non-Time Critical Readings (DM Elective)	Class 2 daily reads are provided by the Shippers for sites with AQ <58.6 kWh.
	Class 3 Batched Daily Readings (NDM)	Daily reads are submitted, in batches by the Shipper.
	Class 4 Periodic Readings	Class 4 periodically read meters.
	Close Out	Period following the Gas Day for transporters to submit data.
CMS	Contact Management Service	The Contact Management Service is an interactive Business to Business arrangement for processing Contacts to and from Xoserve. It is a secure, on-line, two way communication system which facilitates the generation of Contacts via a range of mediums and also provides the ability to track these Contacts through their lifecycle. The service is available to Shippers, Network Operators, Utility Infrastructure Providers, Meter Reading Agencies and Daily Metered Service Providers for the execution of operational duties.
CNC	Customer Amendment Request File	
CO	Confirmation Status	Confirmation Status of a meter point which indicates a Meter point is undergoing a confirmation process by a shipper. Li-Live, RQ- Requested, CO-Confirmed
	Co-terminus	The prime and sub reads for all meters within the configuration. Prime meter can only be reconciled if all the co-terminus reads are obtained within 5 days.

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	Command Field	Allows the user to enter the transaction code, or T-Code, that directs to a SAP screen without using menu paths.
	Connection Object	Physical location where a utility service is provided and stores address information, used as the supply address for utilities.
	Consumption	Amount of gas used = energy = feeds commodity
	Control M	Batch Scheduling tool.
CoS	Change of Supplier	The process in which responsibility for the supply of gas to a supply point changes from the Old to the New Supplier.
COR	Customer Own Reading	Means a meter reading provided by a customer.
CRN	Contact Reference Number	A system generated unique number relating to a Contact raised in CMS
CSEP	Connected System Exit Point	A CSEP is an offtake from a Gas Transporter distribution network to a network owned by an iGT. There is no meter at the exit point. A Connected Systems Exit Point is the point at which a third party pipeline operator connects a gas network to a large Distribution Networks pipework from a point owned and managed by third party IGT (e.g. Dickens Heath). Each CSEP has a unique CSEP Id.
	CSEP MAX AQ	Each CSEP is subject to, and monitored against, a CSEP Connection Maximum Annual Quantity (CSEP connection MAX AQ). This is the contractual value between Network and the iGT. Transportation charge rates are driven by CSEP Max AQ/SOQ.
CSO	Connected System Operator	Owner of individual sites – power stations – owns the pipework directly connected to the NTS and has a meter connected at offtake point, transports gas through pipework to other meters.
CSP	Communication Service Provider	The CSP provides the communication links with Smart metering systems. This is either mobile phone type technology or long range radio. There are 2 CSPs in the UK; Arqiva in the North and Telefonica in the South
CSV	Comma Separated Value	Used in file formats. Fields are delimited by commas.
CTR	CMS Contact code	Emergency Contact Update Request
	Customer	A person supplied or entitled to be supplied with gas by a Supplier
CV	Calorific Value	The energy contained in gas, determined by measuring the heat produced by the complete combustion of a specific quantity of it.
CWV	Composite Weather Variable	The Composite Weather Variable (CWV) is available from Data item on National Grid's website. This provides both the Actual and Forecast CWV by LDZ by gas day.
CYM	Current Year Maximum	Current year minimum replaces the Bottom Stop SOQ. Once energy is closed out (D+5) if the daily consumption is > CYM, CYM is updated but will be capped at the PMSOQ.

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D		
DAF	Daily Adjustment Factor	Used as part of the calculation of unidentified gas
DAG	Design Assurance Group	A Xoserve group which defines conformance to standards and approves design on an exception basis.
	Data Exchange (SAP ISU)	Defines specific information that can be shared with other market participants. It defines the files that a service provider can exchange with another market participant. The Data Exchange identifies the flows that are expected/sent.
	Datex Process (SAP ISU)	Is part of the Stakeholder creation process, the Data Exchange Profiles must be defined. The Datex Process generates the relevant profiles for the Service provider.
	Date of Supply	A specific date within a period a supplier is responsible for a site.
	Date of Transfer	The date which a supplier assumes responsibility for a site. This date must be recognised by the Gas Transporter.
DCC	Data Communications Company	The organisation appointed to provide the communications for the SMART metering programme.
DEC	Daily Exit Capacity	
DE/LI	Dead/Live	Meter point status
Deemed	Deemed Energy	Energy value applied daily to a site based on its AQ, used for commodity
DES	Data Enquiry Service	A User Pays Service which allows subscribers to view address, readings and meter asset details for a site.
	Device	An asset is stored as a device in SAP. There must be at least one device for a Supply Meter Point, however, multiple devices can be associated with the Supply Meter Point; Convertor and Daily Read Equipment. Each will have its own device serial number.
	Device Category	A Device (Asset) is categorised by their technical characteristics to aid maintenance. The Device Category indicates if the asset is a Meter, Convertor, Daily Read Equipment (DRE). Every Device is identified by a Device Category plus a serial number.
DLE	Datalogger Aka AMR Equipment	Reading device that works alongside the meters. The Meter sends a pulse to the Data Logger to record the reading. Sent via a Meter Read Agency (MRA). AMR equipment replacing Dataloggers. Now known are DRE – Daily Read Equipment
DM	Daily Metered	Sites with meters which read on a daily basis. Readings provided via daily read equipment (DRE) and sent via telemetry. Class 1 sites are daily metered
DMAF	Daily Metered Aggregate Firm	
DMC	Daily Metered Consumer	

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DMM	Daily Meter Mandatory	Daily readings compulsory. Class 1 sites
DMSP	Daily Meter Service Provider	Responsible party for the provision of Reads & Adjustments for Daily Metered sites. Contracted by the transporter for Class 1 sites.
DMSOQ	Daily Metered Supply Offtake Quantity	Registered DM Supply Point Capacity
DN	Distribution Network	Distribution Network Operators.
DNI Contract	Distribution Network Interruptible Contract	DNs invite Shippers and large-scale customers to tender for annual 'scheduled interruptions.' This means they can receive payment if asked to temporarily stop using gas under special conditions. This helps the DNs managed the Networks during periods of high demand.
DNI Interruption		Bids for interruptions are made by Shippers on behalf of their customers. Interruptible contracts can be up to 5 years in length at varying capacities >200,000 therms, at various interruption allowances (interruptible days). They can have differing option prices (a monthly payment) and exercise prices (paid when interrupted).
DN LINK	Distribution Network Link	A web based application allows the Networks and DSMPs to view data from their portfolios. This will be replaced the portal
DNO	Distribution Network Operator	Distribution Network Operator
	Domestic Supply Point	A "Supply Point" is a System Exit Point comprising the Supply Meter Point or Supply Meter Points in a domestic premises for the time being registered in the name of a User pursuant to a Supply Point Registration.
DPA	Delivery Point Alias	An address field on UK Link which holds Plot address details
DR	Disaster Recovery	Involves a set of policies and procedures to enable the recovery or continuation of vital technology infrastructure and systems to ensure a continuation of services following a natural or human induced disaster and focuses on the IT or systems supporting critical business functions.
DRE	Daily Read Equipment	Formally known as Datalogger. See Datalogger for full description
Drift	Drift	Meter readings that are derived by reading equipment (DRE) may drift from the actual reading on the meter. When a meter and a datalogger are not aligned with one another, the figure between the two is known as the Drift. A re-synchronisation and reconciliation is required.
DSC	Data Services Contract	Data Services Contract is the contract between the Parties and the CDSP in the agreed form (as provided in Part I paragraph 3 of the Transition Document) as from time to time amended in accordance with its terms and the provisions of GTD.

DSP	Data Service Provider	As part of the Smart metering regime, Data Communications Company (DCC) have appointed CGI to manage the data communications between the Comms Service Providers and the DCC users.
E		
EAI	Enterprise Application Integration	An integration framework composed of a collection of technologies and services which form a middleware to enable integration of systems and applications across an enterprise. It links applications within a single organisation to simplify and automate business processes to the greatest extent possible, while at the same time avoiding changes to the existing applications or data structures. Applications can be linked either at the back-end (database) or the front-end (GUI). The various systems that need to be linked together may reside on different operating systems, use different database solutions or computer languages, or different date and time formats, or may be legacy systems that are no longer supported by the vendor who originally created them. If integration is applied without following a structured
EAF	Expenditure Approval Form	This form is used to obtain the authorised sign-off for a change order
EB	Energy Balancing	Balancing the supply and demand in the transmission network.
EBA	Estimate Between Actuals	Related to DM. A period of estimate reads followed by an actual (A) read.
EBCC	Energy Balancing Credit Committee	Energy Balancing Credit Committee
ECMS	Environment & Code Management	Environment & Code Management
EFT	Enhanced File Transfer	A file transfer mechanism used to transmit files between Xoserve and its customers via the IX network
EMC	Emergency and Interruptible Contact Amendments File	
EMMA	Enhanced Message Management	An EMMA case is raised for exceptions and errors. For example when records are rejected during interface between Gemini & SAP. Enhanced Message Management Analysis which analyses and monitors mass activities and dialog transactions centrally in SAP. EMMA places the problem messages that occur during mass processing (exceptions) in a clarification worklist to get an overview of the progress of the job quickly and to react to errors quickly. The clarification worklist provides clerks with standard business processes for solving problem cases quickly. Errors can also be tracked from other sources with the clarification worklist from the Enhanced Message Management. This enables clarification cases to be entered even if these clarification cases are not based on messages in an application log.

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Term	Meaning	Description
E Read	Estimate Read	In new UK Link the system will estimate a read for DM sites using Day-7.
EUC	End User Category	See also Supply Point EUC
ENSTOG	European Network of Transmission System Operators for Gas	Governing body for the European reform of the gas industry
	Environment (SAP)	The software and hardware environments in which tests will be run, and any other software with which the software under test interacts.
ET	Erroneous Transfer	An Erroneous Transfer occurs where a Customer has been transferred to a Supplier without a valid contract being in place.
ETL	Extract, Transform and Load	Process to migrate data from legacy systems into a new system.
F		
FeXS	File eXchange Service	
FF	Filter Failure	Generated when a volume of gas consumed is too high or incorrect.
FGO	Funding & Governance Ownership	Funding & Governance Ownership
FINX	Final Read	Final reading of a meter that exchanged has been
FOM	Future Operating Model	This is what will help define the capabilities required to deliver services post UK Link to ensure the organisational structure can support delivery of services post go-live.
	Freestanding	A meter connected to the gas inlet which has no other billable meters connected downstream. See also Prime & Sub
FS	Functional Specification	Developed from source rules and are generally the customised requirements needed by Xoserve's business processes / services which enable traceability to be undertaken. These describe in detail the characteristics of the product with regard to its intended capability.
FSG	Failure to Supply Gas	Where gas as not been supplied for example where a meter is faulty or caused by some other technical issue
FTP	File Transfer Protocol	Followed by UK Link User when transferring files.
FUIG	Forecast Unidentified Gas	
G		
GAO	Gas Act Owner	Identifies the meter owner (now called Role Code in SAP); T=Transporter, C=Consumer, S=Supplier, U=Unknown
	Gateway or User Gateway	A computer server forming part of the UK link Network, installed at premises designated by the CDSP and of each user.
GEMINI	Gemini System	Application for energy balancing includes: Gas Nominations , Gas Trades, Energy Balancing, NTS Entry Capacity Booking, NTS Entry Capacity Trading.

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Gemini ID		The unique site-specific, 4 digit number that is set up against the site in Gemini. The value is stored in SAP to feed certain processes.
Gemini Meter ID		A unique number that is created and sent to Gemini at D-2 and to the Shippers in the Transfer of Ownership file for them to carry out Gemini activities.
GFD	Gas Flow Day	Gas flow day is 5am-5am Monday Gas day finishes Tues 4:59am
GRC	Governance Risk Compliance	SAP application that ensures roles do enable any users to complete an end to end task such as raising an invoice and authorising it.
GRE	Gas Reconciliation Energy	This is a charge to reconcile for gas allocated for the balancing system based on the actual gas off-taken
Greenfield		Unconfirmed new site – doesn't have a meter or a registered shipper. Brownfield sites have been previously registered but no longer have a meter or shipper.
	Grid (SAP ISU)	One of the objects in SAP to identify service area or part of service area of a distributor. For Xoserve business processes, in the case of normal sites, Grid is mapped to LDZs and for Independent Gas Transporters (iGTs), there are Connected System Exit Points (CSEPs). In SAP within the Installation (Supply Meter Point) screen, the field named Grid will hold the following data: GT Sites= Exit Zone iGT Sites=CSEP ID
	Grid Level (SAP ISU)	In SAP within the Installation (Supply Meter Point) screen, the field named Grid Level will hold the following data: GT Sites=LDZ iGT Sites =CSM Master CSEP or =Parent CSEPID
GSR	Gas Safety Regulation	
GS(M)R	Gas Safety (Management) Regulations	An agreement regarding gas safety
GT	Gas transporter	Also known as Network Operator or Distribution Network Operator.
H		
HPQC	HP Hewlett Packard Quality Centre	The agreed quality management software used to record testing procedures/outcomes and also to record defects.
I		
IAAS	Infrastructure as a Service	
ICAF	Initial Change Assessment Form	
IDAM	Identity Access Management	Oracle Identity Management is a software suite from Oracle providing identity and access management (IAM) technologies. It is used to create users to ISU and BW systems
IDE	Industry Data Exchange	

iDOC	Intermediate document	IDoc is an acronym for Intermediate Document. The data exchanged between Xoserve and the external participant is stored as an IDoc for business processes, such as: SMP updates (Contact updates – Customer Contacts, Emergency contacts, Nomination Reference update, Meter Access Information update) SMP Creation and Pre-registration Amendment CSEP Creation and Amendment. The IDoc relates to the file format published by Xoserve.
IDR	Implementation Dress Rehearsal	Testing of the implementation activities in readiness for go-live
IGMS		Tool used by NG to measure gas usage – they know what has been fed into system, this identifies who took what off (Gemini/energy balancing)
iGT	Independent Gas Transporter	Develop, operate and maintain local Gas Transportation Networks, that is, companies which manage gas transmission which fall outside National Transmission network. IGT networks are directly connected to the Gas Distribution Network (GDN) via a Connected System Entry Point or indirectly to the GDN via another IGT. Although domestic, industrial and commercial premises are connected to IGT networks, new housing and commercial developments form the largest share of the IGT market.
IHD	In-house Display	The display unit that connects to a Smart Meter so the consumer can see how much energy is being consumed. Provides consumers with up to date and accurate consumption information
	Incident	A fault or issue that has caused an unplanned interruption to an IT Service or reduction in the quality of an IT service (eg: Users cannot log on because the portal is inaccessible).
	Installation (SMP in SAP)	The equivalent to the Supply Meter Point in SAP. The address, devices, network operator and contract are linked to the installation. AQ and SOQ can also be viewed for the installation.
INV'95	Invoice '95	
	Interconnector Points	These are telemetered gas terminals which ship gas on and offshore. The 3 main sites are – Bacton (Ships to and from Belgium), IUK (Moffatt) (ships gas to Ireland and ship gas from Norway) and BBL (ships gas to and from Netherlands). There is no Nomination/Confirmation process, and charges are specific based on the price book.
IP	Information Provisioning	Reporting

IP SEC Tunnel	Internet Protocol Security Tunnel	Where the entire original IP packet is protected by IPSec. Tunnel Mode is used to build virtual tunnels, commonly known as Virtual Private Networks (VPNs). IPSec wraps the original packet, encrypts it, adds a new IP header and sends it to the other side of the VPN tunnel (IPSec peer). Tunnel mode is used to encrypt traffic between secure IPSec Gateways, for example two Cisco routers connected over the Internet via IPSec VPN. Each router acts as an IPSec Gateway for their Local Area Network (LAN), providing secure connectivity to the remote network.
IPR	Intellectual Property Rights	
ISD	Inter Shipper Dispute	Where two shippers are in disagreement regarding a site (ownership)
ISO	International Organisation for Standardisation	Quality standards organisation
ISU	Industry Specific Solution for Utilities	SAP solution
ITT	Invitation to Tender	A process where Xoserve invite companies to bid to provide services or products not covered within the Framework Agreement.
IX	Information Xchange Network	A wide area network (WAN) used to communicate files between Xoserve and external parties
IXN	IX Network	Private network connecting Xoserve data centres with external parties
J		
K		
kW	Kilo Watt	Metric measurement of power
kWh	Kilo Watt Hour	Metric unit of energy equal to 1000 watts. First used in April 1992 to replace therms
L		
LCF	Invoice Type	Late Confirmation Invoice
LDZ	Local Distribution Zone	UK is split into 18 LDZs – LDZs are the areas where consumers are supplied with gas – LDZ are connected to and off-take gas from the NTS – Once gas has exited the NTS and entered the LDZ it is subject to LDZ capacity charges. A pipeline system (other than NTS) the conveyance of gas in which is authorised by a relevant Gas Transporter's Licence held by the owner or operator of such pipeline system.
	Link Code	Meter Point Link Code: F (Free Standing), P (Primary Meter), S (Sub-Meter)
LIO	Local Issuing Office	Xoserve has taken on this role and now generate the Energy Identification Code (EIC) for market participants

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LIS	Line in Sand	The notional date to which activities must be supported. Currently rolling 3 years
	Linepack	The amount of gas in the system pipes
LNG	Liquefied Natural Gas	(LNG): Gas stored /transported in liquid form
LL	Lessons Learned	Useful (positive or negative) experiences during the project lifecycle which should be captured in the Lesson Learnt Log and then formally presented in the Lesson Learned Report at project close.
LMN	Logical Meter Number	(Given by Gemini) Assigned to a Unique Sites as they do not have a UK Link number (old world) as current system offline (will change in SAP new world) used by Transporters – works with a Confirmation Number.
LMNR	Logical Meter Number Reference	See LMN
	Logical Analysis	This was the first phase of the UK Link Programme that occurred where logical process & data models for the requirements captured in the Business Requirement Definitions (BRDs) during Project Nexus and where a detailed review of the Non- Functional Requirements were undertaken.
LPG	Liquefied Petroleum Gas	These sites are independent systems of small Liquid Propane Gas Networks serving communities not connected to the main gas transportation system. Currently the transportation and commodity charges for independent systems consumers are subsidised to ensure they are no higher than the average UK charge. There are independent systems located in Scotland (Campbeltown, Oban, Thurso, Wick and Stornoway) Wales (Llanfyllin and Llanwrtyd Wells).
LSO	Local Security Officer	A title associated to an individual who is employed to facilitate access to systems and also has associated Information Systems (IS) duties
LSO Register	Local Security Officer Register	A single register of LSO details maintained by the CDSP, and used by the UK Link Security Administrator to validate security requests from LSOs.
LSP	Large Supply Point	A Supply Point consuming more than 73,200kWh per annum
LTS		LDZ (Unique Site Type)
LWI	Local Work Instructions	Documentation to help support users with manual processes
M		
M3	Cubic meter	Volume of gas - one meter to the power if three. It is a measuring unit for volume. 1 cubic meter = 35.35cu ft
MAM	Meter Asset Manager	An organisation licensed to provide meter asset services: Fix meters, organise the replacement meters (age related) – mostly manage NDM sites
MAP	Meter Asset Provider	

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	Market Participant	Any organisation that participates in the gas market.
	Master Data (SAP)	This is static data that remains unchanged over a long period of time but may need to update occasionally it will be used in most applications, including any property be it domestic or non- domestic with live meter points that are supplied with gas sets the business context. SAP has classified the whole structure of data into two master date: - Business Master Data – Technical Master Data
MBR	Meter Billable Readings	File type
MBT	Model Based Testing	Software tool used to analyse process flow diagrams to automatically log the basic steps needed to generate System Test scenarios.
ME	Meter Exchange	Update/change of a meter at a site.
	Meter Reading Window	The period of time in which a valid meter reading can be provided.
MI	Management Information	
	Middleware	The software that connects software components or enterprise applications. Middleware is the software layer that lies between the operating system and the applications on each side of a distributed computer network.
	Missing Read	A required meter reading that has not been received during the Change of Supply process.
MNEPOR	Maximum Network Exit Point Offtake Rate	Used in the calculation of the NTS Optional Commodity rate, rather than the registered DMSOQ.
MPL	Meter Point Level	
MPR	Meter Point Reference	Point where the supply is provided.
MPRN	Meter Point Reference Number	Unique identifier for Supply Meter Point.
MRA	Meter Read Agency	The organisation responsible for taking the meter reads
MRF	Meter Read Frequency	
MSI	Market sector flag Inbound file	
MSN	Meter Serial Number	An identity allocated by the meter manufacturer. The serial number could be a combination of letters or numbers
MSO	Market sector flag Outbound	
MT	Market Trials	Connectivity is testing to ensure that Industry participants' systems are able to successfully connect to the new UK Link as per requirements.
N		
NBP	National Balancing Point	Is a virtual trading location for the sale and purchase and exchange of UK natural gas.

NDM	Non Daily Metered	A term that can be associated to a site or with a meter by definition means readings are procured on a monthly or longer intervals
NDR	Non Daily Read	
	New Supplier	The Supplier gaining responsibility for the supply of gas to a Supply Point upon completion of a Supply Point Registration.
	NetWeaver	The primary technology computing platform and technical foundation for SAP. It is a solution stack of SAP's technology products. The SAP Web Application Server (sometimes referred to as WebAS) is the runtime environment for the SAP applications and all of the mySAP Business Suite solutions. The product is marketed as a service-oriented application and integration platform. It can be used for custom development and integration with other applications and systems, and is built primarily using the ABAP programming language but also uses others. It provides multiple ways of accessing SAP. It is connected by the service bus.
NExA	Network Exit Agreement	The agreement between Network Operators and Independent Gas Transporters for the contractual off-take arrangements.
	Non Supply Point System Business Days	A 'Supply Point System Business Day' is defined as a Day other than a Saturday, a Sunday or a bank holiday in England and Wales. A list of Non Supply Point System Business Days will be maintained by the CDSP and not later than 30 September in each year will be provided to each UNC Party.
	Notice of Objection	The communication sent by the Initiating Supplier to the GT when in receipt of notice of a Supply Point confirmation request to retain registration for a particular Supply Point.
NTS	National Transmission System	The pipeline System for the time being designated by National Grid. Vast pressurised gas transportation network containing approx 7,600km of pipeline & 23 compressor stations – used to transport gas around the UK. The NTS is owned by National Grid Gas can be off-taken directly from the NTS or it can be transported to any of the 13 LDZs where it enters a DN from which consumers are supplied
O		
OAT	Operational Acceptance Testing	Used to conduct operational readiness (pre-release) of a product and is a common type of non-functional software testing focusing on operational readiness of the system to be supported, or which is to become the production environment.
	Objection	The process by which the Old Supplier can object to the transfer and block it.
	Objection Window	The period in which an objection can be raised.
OCM	On the day Commodity Market	
OFGEM	Office of Gas & Electric Markets	Market regulator – issue and revoke shipper licences, invoke financial penalties and ordering UNC amendments
	Old Supplier	The Supplier that was previously responsible for supplying the Customer

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	Onstate Read		The opening read of a meter fix, exchange or the departure read for a resynch (site visit)
	Offstate Read		The final read for a meter removal or meter exchange or the arrival read for a resynch (site visit).
	Open Text		Archival solution for SAP transactional data.
OPNX	Opening Read		Denotes an opening reading following a meter exchange
OSER	Old Supplier Estimated CoS Reading		The estimated CoS Meter Reading produced by the Old Supplier and transferred on the "Notification of Old Supplier Information" Flow
OT	Optional Tariff		Used in Short Haul calculations – reduced rates offered by the NTS, usually offered to pipelines close to the NTS site
OUG	Own Use Gas		Gas taken from the pipeline to drive the compressors or pre-heat gas for pressure reduction.
P			
PAF	Postal Address File		A national standard of an address formation derived from a Royal Mail database containing all known delivery points.
PAWS	Portal Access to Web Services		A security solution for authenticating and authorising access to Xoserve Web Services.
PCE	Projects in Controlled Environments		Prince2 is a structured method for effective project management and is a standard used extensively in the UK.
PCL	Project Control Log		A method used to record project issues, key decisions, assumptions, dependencies and actions. The current mechanism is to record the details within the central RTC software tool.
PDB	Programme Design Board		Makes key decisions and RAID solutions (delegated from DAG and AGB).
PEN	Penetration Testing		Making an attack on a computer system with the intention of finding security weaknesses, potentially gaining access to it, its functionality and data. The process involves identifying the target systems and the goal, then reviewing the information available and undertaking available means to attain the goal. PEN testing is carried out by a Third Party. It ensures the applications; components and web services delivered as part of the build phase have the appropriate security safeguards implemented. This is carried out to identify then mitigate vulnerabilities to an acceptable level prior to full Operational Acceptance Testing (OAT).
PIA	Post Investment Appraisal		Review at the end of project to assess the success or achievement against project objectives
PID	Project Initiation Document		Captures the scope of the project and outlines the baseline against which the project progress can be assessed.
PIS	Post Implementation Support		Provided by the developer for fixed period of time following implementation of change to address any problems that may arise.

GLOSSARY OF TERMS

PM	Project Manager	Individual responsible for the day-to-day running of the project on behalf of the Project Board.
PMB	Programme Board	The group responsible for providing overall direction of the project & ensures that the project is on course to meet the desired outcomes whilst supporting the business strategy.
PMM	Programme Managers Meeting	Responsible for monitoring and reporting of all business changes and ensures governance processes are applied by the department
PMO	Project Management Office	
PMSOQ	Provisional Maximum SOQ	Provisional maximum supply point capacity
PN	Project Nexus	
PNUNC	Project Nexus UNC	This was a MOD (Modification) development forum where all industry MODs were discussed prior to the MOD being formally submitted for approval
POAP	Plan on a page	Where all high level timelines are depicted for each work stream in order to identify key dependencies.
PoD	Point of Delivery (SAP)	Point to which utility service is provided. Identified by unique key –Meter Point Reference (MPRN), which is used for communication with external systems/market participants.
	Portal	A portal is a central place for making all types of information accessible to an audience of varying range. It offers a single point of access to information, enterprise applications and services both inside and outside an organisation.
	Portfolio	A list of MPRs registered to a supplier.
	Previous Supplier	The previously registered supplier.
P&S	Prime and Sub	A Prime meter that feeds multiple sub meters.
	Premise	SAP term. The premise holds the address information for the Installation (supply point).
PRINCE	Projects in Controlled Environments (Prince2)	A structured method for effective project management and is a standard used extensively in the UK.
	Prime	Primary (parent/main) meter – have sub meters running from them. See also Freestanding, Sub (deduct)
	PRISMA	European capacity booking platform, introduced as part of EU Reform
	Profiles	SAP term. Daily data such as reads, energy volume are stored in profiles against devices. Profiles are also used to store data for the Demand Estimation processes.
Proteus	Application	The application used by G4S for communication of the daily read work list
PRSM	Performance Relevant Supply Meter	

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PT	Performance Testing	Determines how a system performs in terms of responsiveness and stability under a particular workload. It can also serve to investigate measure, validate or verify other quality attributes of the system, such as scalability, reliability and resource usage. The whole system must be available and no other testing or access to the environment can be given whilst it is undertaken.
PTM/LTM	Physical/Logical Technical Model	Represent the abstract structure of a domain of information. Often diagrammatic in nature and are most typically used in business processes that seek to capture things of importance to an organization and how they relate to one another. Once validated and approved, the logical data model can become the basis of a physical data model and inform the design of a database.
PUG	Passing Unregistered Gas	
	Purchase Order	The purchase order value is raised on SAP to enable payment to supplier for goods & services. These are only raised where an approved Contractor Approval has been produced.
PWO	Purchase Work Order Request	The method of engaging an Infrastructure Provider to undertake a change or fix on a system's infrastructure. Legally binding contract between Xoserve & the Provider for delivery of services not included within the baseline Services Agreement. Can be Small Service Request (SSR), Proposal (PR) Rough Order Of Magnitude (ROM) or Feasibility & Analysis (F&A).
Q		
QA	Quality Assurance	Way of preventing mistakes or defects and avoiding problems when delivering solutions or services to customers. QA is applied to physical products to verify what will be made meets specifications and requirements and to verify that features and functionality meet business objectives, and that code is relatively bug free prior to releasing new software products and versions.
QICM	Quality in Credit Management	Accreditation Award
QMP	Query Management Programme	A file for submitting single or multiple Contracts into Xoserve (CMS)
QSEC	Quarterly System Entry Capacity	QSEC Auction
QTP	Quick Test Professional	A software tool used for automated testing and is now referred to as HP Unified Functional Testing (UFT) which provides functional and regression test automation for software applications and environments.
R		
RAP	Review and Approval	Can be used in terms of a review and approval cycle of a document or the actual RAP comments form that review and approval comments are collated in.

GLOSSARY OF TERMS

RACI	Responsible, Accountable, Consulted, Informed	Responsibilities for producing the deliverable: Responsible = Group or Person who ensures that the deliverable is produced Accountable = Group or Person who is accountable for the contents of the deliverable Consulted = Group or Person that provides information required to create the deliverable Informed = Group or Person that may need to see the deliverable to view necessary information.
RAID	Risks, Issues, Assumptions and Dependencies	As recorded for Projects and Programme management.
	Ratchet Quantity Invoice Ratchet Charges	Ratchets occur for DN sites (Class 1 and 2) when the site has exceed its daily metered supply offtake quantity (DM SOQ). Ratchets are applied during winter months (October through May) for Normal sites and throughout the year for seasonally large supply points (SLSPs). Ratchets are calculated only based on actual energy.
RCP	Reduced Capacity Period	For Seasonal Large Supply Points (see SSLP). The 'seasonal' period runs from 1st April to 30th September and is referred to as the Restricted Capacity Period (RCP).
RDP	Registration Data Providers	The organisations responsible for managing the Smart Metering Registers on behalf of the industry. Xoserve manage the Gas register while Gemserv manage the Electricity register
REC	Reconciliation	Adjustment settlement over a specific period of time.
	Reconciliation Invoice	The Rec invoice reconciles energy and charges previously issued via the Commodity Invoice, based on actual meter reads.
	Registers (SAP)	A register is related to the device (asset) and is used to identify details about the device such as dials, conversion factor. The register types are Meter (ME) Convertor has 2 registers - corrected register (CO) and uncorrected register (UN) Net-off Register (NO) for Prime & Sub configurations Aggregate (AG) for twin stream sites One register is identified as the billable register – it is this register that is used to generate charges.
	Reverse Billing (SAP)	There are occasions where a billing document has been generated but requires adjustments cannot be made directly to a billing document is reversed. The user manually makes the necessary adjustments before executing the document rebill. The user is able to reverse either: - MPRN level document (the aggregate is automatically re-calculated) – Aggregate document. Once reversed, the User will need to regenerate the bill. If the billing document has been invoiced, then the invoice cancellation procedure must be utilised.
	Rejection Code	A code used to explain the reason for a rejection.
	Response Code	A data item sent to explain a response.

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RF	Reconciliation Factors	The ratio of actual energy to original energy (allocated or estimated) for a day
RFI	Request For Information	A RFI is a communication sent by Xoserve asking for further information/data/clarification. Commonly used with Theft if Gas Contacts (CMS)
RGMA	Review of Gas Metering Arrangement	Data flows between the various participants – Meter workers, Suppliers, shippers, Transporters. Changes to asset data should be notified to Xoserve via RGMA files
	RGMA Baseline Process	Any of the following processes: Asset Installation, Asset Removal, Asset Exchange, Change of Supplier with Change of MAM, Change of MAM with Transfer of Assets, Change of Meter Asset Manager with Asset Exchange, as described and depicted in the RGMA Baseline.
	RGMA Baseline Transaction	Any of the following transaction formats: ORJOB – Request Metering Job, ONJOB – Notify Metering Job, , ONAGE – Notify Agent Change, ORDET – Request Metering Details, ONDET – Notify Metering Details, ONUPD – Notify Update Metering Details, RRJOB – Response Request Metering JOB, RNJOB – Response Notify Metering Job, , RNAGE – Response Notify Agent Change, RRDET – Response Request Metering Details, RNDET – Response Transfer of Metering Detail, RNUPD – Response Update, as described in the RGMA Baseline.
RIAO		Regulator determines how much we spend every 8 years
RIIO	Revenue, Incentives, Innovation, Outputs	Ofgem's framework for setting price controls for network companies.
RICEFW	Reports, Interfaces, Conversions, Extensions, Forms & Workflows	SAP custom objects
ROM	Rough Order of Magnitude	General idea of cost and impact decided/provided by the Mod Team when considering new Mods (Also See HLC/DCA for linked info) Is an estimate for delivery of a service or product
RPO	Recovery Point Objectives	As part of the Business Continuity Management – what is the level of data loss during a critical failure.
RRC	Rational Requirement Composer	This IBM web-based application supports the definition, management and reporting on requirements in a lifecycle development project. The tool also supports iterative, waterfall and agile-at-scale development methodologies using lightweight requirements processes. It is used to master / store requirements / design artefacts / source rules that will later be used in the automated traceability activity.
RTB	Run The Business	Running costs
RTC	Round the Clock	Meter that as gone around the clock also known as Through the Zeroes (TTZ)
RTO	Recovery Time Objectives	In relation to Business Continuity Management. The length of time that the system can be down during a crisis

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RQ	Requested Status	Confirmation Status - Requested Status of a meter point indicates that a Meter Point has been requested for ownership by a shipper.
S		
S&M	Sites & Meters	Maintains, SPA, NDM/DM and asset related information for the 22 million meter points AKA UK Link System will be de-commissioned and be replaced by SAP (possibly Nov15 TBC)
SaaS	Software as a Service	
SAP	System Analysis and Program	UK Link system uses a SAP application.
SAP	System Average Price	Used to create invoices, fluctuates daily depending a number of variable such as weather change, demand and availability. The Buy/Sell Price Scaling Factor for the relevant Day is Zero. Charge that is calculated to create invoices (e.g. volume x SAP). Fluctuates daily depending a number of variables such as weather change, demand and availability.
SAP AG		German multinational software corporation that makes enterprise software to manage business operations and customer relations. SAP ERP is the corporation's Enterprise Resource Planning, an integrated software solution that incorporates the key business functions of the organisation.
SAP BW	SAP Business Warehouse	It is a centralised system that can transform and consolidate business information from virtually any source system. For Xoserve, the BW will be used for reporting and Data Enquiry purposes. It is important to remember that the data is transferred overnight and therefore 1 day old.
SAP IS-U	SAP's Industry Specific Solution for Utilities Industry	SAP Industry Specific Solution for the Utilities Industry. It is also referred to as SAP IS-U/CCS (Customer Care and Services) SAP Utilities (SAP IS-U) is a sales and information system that supports utility and waste disposal companies. It is also referred to as CR&B (Customer Relations and Billing
SAP PI	SAP NetWeaver Process Integration	SAP enterprise application integration (EAI) software, a component of the NetWeaver product group used to facilitate the exchange of information among a company's internal software and systems and those of external parties. This is a platform which provides a single point of integration for all systems without touching a complex network of legacy systems. SAP PI is middleware which provides seamless integration between SAP and non-SAP applications.
SAP PO	SAP Process Orchestration	

SAP SE	Systems Applications Products Societas Europaea	A European multinational software corporation that makes enterprise software to manage business operations and customer relations. The company's best-known software products are its enterprise resource planning application systems and management (SAP ERP), its enterprise data warehouse product – SAP Business Warehouse (SAP BW) and SAP Business Objects SAP.
SAR	Shipper Agreed Read	Readings agreed during transfer
	Security Incident	A suspected security failure, in which Uniform Network Code information may have been lost, damaged, destroyed or disclosed to unauthorised persons.
	Security Service Request	Means a request from an LSO to perform an activity related to security matters. i.e. enabling AR access for a UK Link User – including password resets and user identity creation and deletion, and amendment to allocated roles.
	Service Request	A request from a UK Link User to the CDSP Service Desk for information, advice, request for a standard catalogue item (eg: report) or for access to an Application (eg: New users or password reset).
SDU	Supplier Deed of Undertaking	Stakeholder termination process. Where Shippers fail to meet their financial obligations, the SDU will undertake their liabilities.
SOLR	Supplier of Last Resort	Stakeholder termination process. Where a SDU is not available, a SOLR will be appointed to take ownership of the Shipper's portfolio. Ofgem steps in to appoint the SOLR.
	Service Provider	SAP term. Defines the role of the market participant. It is linked to the Business Partner which holds the organisation's master data such as address.
SF	Scaling Factor	Used in the current world as part of the unidentified gas algorithm. This will no longer be used with project nexus as the UG is the balancing figure; UG = Input Gas-(Shrinkage + DM + NDM)
	Service Provider Agreement (SPA)	During the stakeholder creation process, stakeholders must meet certain checks and contractual obligations. The Customer Life Cycle team perform these checks and the outcomes are captured as agreement parameter values in Service Provider Agreements.
	Service Request	Method for engaging an Infrastructure Provider to undertake a change or fix on system's infrastructure. Legally binding contract between Xoserve & the provided for delivery of services not included within the baseline Services Agreement. Can be either Small Service Request (SSR), Proposal (PR) Rough Order Of Magnitude (ROM)or Feasibility & Analysis (F&A)
	Shipper	The holder of a valid Gas Shipper's Licence.

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SHO	Short Haul	Reduced rates offered by the NTS, usually offered to pipelines close to the NTS site
SLA	Service Level Agreement	
SLSP	Seasonal Large Supply Point	Networks can offer LDZ system capacity rights to a Shipper (on behalf of their end user) for a reduced period within the gas year to meet an end users seasonal requirement. A site can become a SLSP if AQ >= 5,860,000kWh and is daily metered. The seasonal period runs from1st April to 30th September.
SIT	Systems Integration Testing	Part of the software testing lifecycle and precedes the User Acceptance Testing (UAT) phase. The tests confirm that the systems communicate and work together as per design and as per 'to be' processes. It verifies that all new applications are correctly integrated therefore the interfaces between new and existing systems function as per requirements and new business processes flow through the interconnected systems generate the expected outputs and or exceptions.
SMA	Special Metering Arrangements	
SME	Subject Matter Expert	A person who is an authority in a particular area or topic.
SMP	Supply Meter Point	Supply meter point is a physical end point of the iGT network at the emergency control valve. There is approximately 1,600,00 meter points, of which 4,500 are large supply meter points, and 9 are currently daily metered.
SMP Buy	System Marginal - Buy	
SMP Sell	System Marginal - Sell	
SMSO	Smart Meter System Operator	The organisations who utilise Smart Meters
SN	Scope of Work Notification	Is used to formally document and notify the DNs of the scope of work for an external change order
SND Date	Seasonal Normal Demand Review Date	This date updates the WAALP factors retrospectively for a 3 year period
SNET	Seasonal Normal Effective Temperature	
SO	System Operator	
SOA	Service Oriented Architecture	A design pattern based on distinct pieces of software providing application functionality as services to other applications via a protocol. This is known as service–orientation. It is independent of any vendor, product or technology. SOA makes it easy for computers connected over a network to cooperate. Every computer can run an arbitrary number of services, and each service is built in a way that ensures that the service can exchange information with any other service in the network without human interaction and without the need to make changes to the underlying program itself.

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SOD	Segregation of Duties	Ensures that no one person will be authorised to do any end to end transaction.
SOQ	Supply Off-take Quantity	The highest daily quantity the site is expected to use in a day
SP	Service Provider	Defines the role of the stakeholder e.g. Shipper, Supplier, MAM etc. Some organisations may have more than one role, for example, the DMSP may also be a MAM.
SPA	Supply Point Administration	General term for the management of the meter point
	Service Provider Agreement (SPA Agreement)	During the stakeholder creation process, stakeholders must meet certain checks and contractual obligations. The Customer Life Cycle team perform these checks and the outcomes are captured as agreement parameter values in Service Provider Agreement.
SSC	Stakeholder Short Code	Used in CMS
SSD	Supply Start Date	The date from which a Supplier is responsible for the gas supply to a premises.
SSMP	Shared Supply Meter Point	More than one (unlimited) Shipper supplies gas through one meter. Shippers specify how the gas is to be allocated as a part of the nomination process by either default allocations based on % of SOQ or appoint an Agent to allocate the gas used on a daily basis. Shippers cannot be given access to the information about another Shipper.
SSP	Smaller Supply Point	Sites with a Supply Point Annual Quantity (SPAQ) below 73,2000kwh
SOLMAN	SAP Solution Manager	Platform for application lifecycle management.
SPEED	Systems and Process Enabled for Excellence in Delivery	Wipro's SAP implementation methodology.
SR	Suspect Reads	New World Concept – replacing the USRVs. All existing USRVs will be marked as a 'Suspect Reads', new files outside tolerance will be rejected and estimates produced but not processed downstream, shipper will either accept the estimate or mark as 'Suspect Reads' if they wish to change/correct the reads
SR	Source rules	Are formed from Business Requirements. Source Rules are tracked from BPDDs to L4 Processes. Creation, removal and update of the Source Rules is a joint responsibility between Xoserve and Wipro Tranche Leads and are carried out in design workshops and business walkthroughs / reviews. Id SRs are not updated / are incorrect then the model will not be a representation of the requirements and will lead to inappropriate testing. Validated SRs enable accurate testing scripts to be written therefore avoid issues arising in UAT. Not all source rules are atomic, therefore can be interpreted differently.
SRA	Invoice Type	LDZ Capacity Ratchet Charge Type

SRV	Suppressed Reconciliation Value	AKA Filter failures – Failure of financial tolerances as a result of bundles read or asset change
SSS	Single Service Site	One gas service pipe to a property
ST	System testing	The testing of new code and other unaffected code 'modules' in a system usually completed by the developer. The UKLP is following a waterfall software lifecycle approach. Each testing phase should be completed before proceeding with the next. ST is to ensure separate systems that comprise the new UK Link Solution (set of systems) work as per expected functionality in isolation, producing correct business outputs and or exceptions. Verification that the new SAP deployed systems / components for the supply meter point and energy calculation, meter consumptions, invoice calculations and other UK Link functions are working as per the set functional requirements and in line with the to be business processes and systems producing outputs as per specifications.
Sub	Sub Deduct Meter	A billable meter connected downstream of a billable Primary meter. Gas off-taken at each of these off-take points is billed independently for each meter
SUC	System Use Case	Is created by the developer to capture the technical specifications of the change to be delivered.
	Supply Point EUC	The group in which each Non-Daily metered customer is placed for demand attribution and invoicing purposes because they have similar patterns of demand.
SV	Site Visit Request	A communication that is sent to Networks to request that they visit a premises in order to obtain information that is required in resolving a Contact (CMS)
	Switch Documents	Control the exchange of data and file flows between Xoserve for business processes, such as: Supply Meter Point (SMP) registration (Transfer of ownership) Contract change (Class change, AQ correction, Withdrawal, Capacity change, MRF change, Supplier change etc.) DNI Auto nomination/confirmation The Switch Document may consist of multiple workflow steps, multiple file types and multiple participants. Using the switch document, the user is able to identify each step in the process, its status and even drill down to the data exchanged (File Flows) within SAP.
	Sybase NLS	Archive solution for non-UK Link and BW data
T		
T&M	Time and Materials	Time and Materials (@ cost - not fixed, ad hoc and short term)

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TCO	Total Cost of Ownership	A management accounting concept intended to help determine the direct and indirect cost of a product or system. It is used to determine how to get the best business solution at the lowest costs. Specific to SAP this involves a comparison of the SAP solution stack options and alternatives so the costs of each part of the stack can be determined and identify when these costs will be incurred. Parts of the stack are for example the hardware, operating system and database which form the acquisition costs. Next to that, recurring costs like maintenance costs.
T-Code	Transaction Code (SAP)	Each function in the system has an associated transaction code or T-Code. Functions can be accessed through the menus but they can also be accessed directly using the T-code. T-codes are displayed throughout the training material for reference purposes.
TCS	TATA Consulting Services	
TDD	Technical Design Document	
TDR	Technical Design Reports	
	Telemetered (NTS/LDZ)	These sites do not send readings but instead energy values are sent directly to National Grid. Energy is then sent to the Gemini files (USM). This is currently a monthly file updated to the old UK Link, but will be sent daily to SAP. There will be a separate device against the installation. This will be the billable register.
	Third Party and Additional Services Policy	The Third Party and Additional Services Policy sets out the basis on which the CDSP may provide and may agree to provide Additional Customer Services and Third Party Services.
TO	Transporter Owner	
TOG	Theft of Gas	CMS Contact Code Shippers and Networks can raise a contact when TOG is suspected.
TOM	Target Operating Model	Is a high level representation of how a company can be best organised to more efficiently and effectively deliver and execute on the organisation's strategy.
TMD & BMD	Technical Master Data and Business Master Data	In SAP, creation of Connection Object, Premise and Installation are termed as generation of TMD. Business partner, Contract account and contract are termed as Business master data. During Move-in (Supply Point Transfer of Ownership), TMD is linked with BMD with the creation of contract.
TMS	Transport Management System	An interim tool used by Wipro to manage configuration management in the environments until SolMan is delivered.

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	Traceability Matrix	A mechanism to capture the traceability from the requirements stage through to testing. This is mapping between BPDD to L4 processes to Function or Functional Specifications to Configuration Rationale to Out of the box. Test cases will also be mapped to source rues directly to ensure both design and requirements coverage i.e. top down and bottom up approach for complete traceability. The traceability will be performed in HPQC once the MPLS linkage is complete (some time during ST). Until then an interim traceability methodology is being used.
	Transaction Data	The information recorded from transactions. A transaction, in this context, is a sequence of information exchange and related work (such as database updating) that is treated as a unit for the purposes of satisfying a request. As a part of transactional records, transactional data is grouped with associated master data and reference data. Transactional data records a time and relevant reference data needed for a particular transaction record. T.codes are used to access the programme and are short codes to access the system. Each user can set Tcodes as a favourite in SAP. The menu is the same irrespective of your log- in profile. However you will not be granted access if your role doesn't permit it.
TOC	Transport of Copies	A code transport request in the SAP system. There are several transport requests 'Customizing Requests' are generally for system customizing activities, 'Workbench Requests' are generally for things created in the ABAP workbench. This is primarily code or custom objects. Most normal development and customizing work is done in these two transport types. When these transport types are used, the system assumes movement of the contents of the transport to the QA system, then to the Production system. However not all transports will be going to production due to testing, bug fixes, and scope changes. For this reason, a different transport type called 'Transport of copies' is used to move the latest version of an object but will not assume it needs to move it to production. Therefore, it transports a "copy" of the object but assumes that its final destination is only the system it is moved to. A normal transport on the other hand would assume it's going to the system that it's moved to (QA) and all other systems downstream from it (Production). Also for this reason, all the transports of copies can be moved and won't affect the downstream system (Production), only the system that they're moved into.
	Transfer of Ownership	The moving of registration of and responsibility for a supply point from one Supplier to another Supplier.
	Transfer of Ownership File	A confirmation acceptance file received from transporter.
TSO	Transmission System Operators	
TTOD	Transition Topic Overview Document	

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	Twin Stream	Twin stream is the site in which there is more than one meter. Gas can flow to these meters from one or more pipes.
TZI/TTZ	Through the Zero Indicator/ Through The Zeroes	A numeric value for the number of times that the indices of a meter have gone past zero. Absence of this count will result in an incorrect consumption calculation between two readings. Now termed as Round the Clock (RTC)
U		
UAT	User Acceptance Testing	Tests if new code/system is 'fit for purpose' to implement into business area e.g. does it match user requirements and/ or does it meet business need. UAT ensures the end to end business scenarios function correctly through the new set of UK Link systems as well as the legacy systems. It provides certainty that new and existing systems have been built / modified and integrated to meet end to end business functionality in line with the pre-defined end to end process driven test scenarios.
UDQI	Users Daily Quantity Input	The amount of gas a shipper puts into the pipe – used in Short Haul calculations
UDQO	Users Daily Quantity Offtake	The amount of gas a shipper takes from the pipe – used in Short Haul calculations
UGR		A reconciliation and adjustment, in relation to a User, in respect of gas off taken from the Total System
UIP	Utility Infrastructure Provider	A connection Company who provides and sets up the infrastructure for a new lay supplies and also arranges the connection and allocates MPRN
UIG	Unidentified Gas	Gas which is lost through leakage, theft or shrinkage
UNC	Uniform Network Code	The contractual document which, amongst other things, defines the contractual relationship between Gas Transporters and their customers. A legal and contractual framework to which the market participants must accede (including managerial and procedural standards) – managed by the Joint Office of Gas Transporters.
ULKC	UK Link Committee	This is the approval forum for the Shipper File Formats and changes.
	User Short Code	A three character code assigned to each User. These are maintained by the CDSP and published within the UK Link Manual.
UT	Unit Testing	A form of testing which assesses the functionality of small modules of code
UP	User Pays	
USRVs	User Suppress Reconciliation Value	Old World Concept – reads triggers an invoice that is outside the Tolerance, marked as a USRV (new world will be known as 'Suspect Reads '– AKA NDM Filter Failures.
V		

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VLDM	Very Large Daily Metered	Very large take off quantity sites
VLDMC	Very Large Daily Metered Consumer	
VPS	Variable Pressure Sites	Site has variable pressure which means standard calorific value cannot be applied. e.g. Port Talbot
W		
WAALP	Winter Adjusted Annual Load Profile	
WAN	Wide Area Network	A virtual network that spans across locations
WAR	Winter Annual Ratio	The ratio of the Winter Consumption of a supply meter point to its annual quantity
WCF	Weather Correction Factor	Used as part of the NDM demand algorithm
	Withdrawal Notice	The notification that the Old Supplier receives from the Gas Transporter informing them that another supplier has attempted to register the supply point.
	Working Hours	Between 9am and 5pm each Working Day
WSDD	Work stream Definition Documents	Completed in the requirement definition stage of the project. These are in place of a Project Initiation Document (PID) to capture the scope and outlines the baseline against which progress can be assessed.
WSP	Weather Service Provider	A legally binding variation to an existing workplace. The Variation details the changes required to an existing work pack & can only be raised against approved work packs.
X		
XEC	Executive Committee	
XML	Extensible Markup Language	Programming language
Y		
Z		
ZCA	Invoice Type	LDZ capacity charge type
ZRA	Invoice Type	Customer Capacity Ratchet Charge type

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2. Gas Industry Stakeholders

Stakeholder	Description
Producers	Companies that explore and extract gas from
Terminal Operators	There are 5 terminals around the coast of Britain who land the gas from off shore
Transmission	National Grid Transmission is responsible for the entire Gas Network and the transportation of gas from the terminals through the main gas pipe network
Gas Transporters (GT) / Distribution Networks (DN)	The gas transporters are responsible for the movement of gas through the local distribution zones (LDZ); National Grid Distribution Wales & West Scottish and Southern Northern Gas
Local Distribution Zones	This is the network from the main gas pipes to distribute through a region. There are around 13 LDZs each owned by a DN
Independent Gas Transporters (iGTs)	Companies that own a small local network that is connected to the LDZ at a CSEP (Connected System Exit Point). These smaller networks service a housing estate for example. The management of the iGTs meter points will be taken on by Xoserve as part of Project Nexus
Storage Managers	Operate one or more facilities at which gas can be stored during months of low demand for use in high demand months
Shippers	Shippers employ the transporter to move the gas through the network. Only shippers can ship gas to the consumer.
Suppliers	Buy gas from the producers to sell it to consumers. They must have a license issued by OFGEM Shippers can also be suppliers
Daily Metered Service Provider (DMSP)	The organisation responsible for taking the daily readings via daily read equipment DRE or AMR – Automated Meter Readers. The DMSP will collect the data and send the data to xoserve each day before 8am. Late reads can be sent in and processed before 3pm
Meter Reading Agencies	Organisations which are contracted by Meter Reading Service Providers to furnish them with meter readings. A Meter Reading Agency may be an independent organisation or part of a Meter Reading Service Provider organisation.
Regulator	OFGEM is the non-ministerial government department and regulator of the UK on-shore gas industry. It is responsible for ensuring the recommendations of the Monopolies and Merger Commission into the UK gas industry are carried out

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Gas Traders	Companies that buy and sell gas from each other before it reaches the consumer. They operate in the 'spot market' which provides a way of obtaining gas without a long term contract with a producer
Gas Marketers/ Suppliers	'Middle men' that contract with the shippers and sell to consumers. They have no direct relationship with the transporter
Shippers Agent	A shipper may choose to employ an agent to carry out Network Code processes on its behalf e.g. to inform Xoserve of the quantity of gas the shipper plans to transport each day
Allocation Agent	Calculates with shippers then informs Xoserve of how much of the gas which was input at a terminal belonged to each shipper
Top-up Manager	An organisation that ensures enough stored gas is always available to meet demand
Shrinkage Provider	Responsible for obtaining the gas needed to balance the shrinkage incurred in the transportation network

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3. Stakeholder Engagement

Abbreviation	Description
C	
COB	Change Overview Board Senior stakeholder forum for all industry change programmes
D	
DSC CMC	Data Services Contract Management committee **https://www.gasgovernance.co.uk/DSC-Contract**
DSC ChMC	Data Services Contract Change Management committee **https://www.gasgovernance.co.uk/DSC-Change**
DSC DSG	Data Services Contract Delivery Sub Group **http://www.xoserve.com/index.php/dsc-delivery-sub-group/**
DSC Credit Committee	Data Services Contract Credit Committee **https://www.gasgovernance.co.uk/DSC-Credit**
DSC Governance Committee	Data Services Contract Governance Committee **https://www.gasgovernance.co.uk/DSC-Governance**
DESC	Demand Estimation Sub Committee **https://www.gasgovernance.co.uk/desc**
DMG	Data Management Group **http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/uk-link-programme-workstream-updates/data-cleansing/** Responsibility for developing and agreeing the approach for the solution of the Data Management topics
E	
EBCC	Energy Balancing Credit Committee **https://www.gasgovernance.co.uk/EBCC**
I	
IGTAD	Independent Gas Transporter's arrangements document **https://www.gasgovernance.co.uk/IGTADCom**
P	
PAC	Performance Assurance Committee **https://www.gasgovernance.co.uk/PAC**
S	
SSP	Single Service Provision Forum For Independent Gas Transporters (iGTs)
U	
UKLC	UK Link Committee The governing committee for UK Link chaired by Joint Office

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UNCC	Uniform Network Code Committee **https://www.gasgovernance.co.uk/uncc** The UNC provides for a Committee to be established, the Uniform Network Code Committee (UNCC). All members of the Modification Panel are automatically members of the UNCC, and it meets immediately after the main Modification Panel meeting on the fourth Thursday of each month.
Closed Groups	
SDG	Solution Development Group **http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/solution-development-group/** The objective of the Solution Development Group (SDG) is to provide an opportunity for the Industry to feed into solution development for the changes identified as part of UK Link. Now part of DSC Delivery Sub group meetings.
Closed Project Nexus Groups	
PNSF	Project Nexus Sponsors forum - **https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus**
PNSG	Project Nexus Steering Group **https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus**
PNDG	Project Nexus Delivery Group **https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus**
MTWG	Market Trials working group **http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/uk-link-programme-workstream-updates/market-trials-pt1/** Industry testing of the operation of the replacement of UK Link took place through market trials. Participants in the Market Trials included shippers, gas transporters and independent gas transporters
TPG	Transition progress group **http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/uk-link-programme-workstream-updates/uk-link-programme-transition/** The Transition Progress Group (TPG) was one of the Nexus Cross-Programme Workstreams. The Group chaired by PwC, was attended by representatives spanning across Shippers, iGTs, GTs and Xoserve. The aim of the TPG was to ensure that the Industry was ready for the implementation of the new UK Link System
DRG	Defect and release group **http://www.xoserve.com/index.php/our-change-programme/uk-link-programme/defect-release-group-drg/** Was the single gate of control for any changes to the production environment during PIS until the new DSC Delivery Sub Group formed in Jan 2018. Provided visibility of all open defects, including functional and data. Now part of DSC Delivery Sub group meetings.
RIAG	Risks and issues advisory group - formed to review Risks & Issues ahead of Project Nexus Go Live, reporting to PNSG
UKLIEF	UK Link Industry Engagement Forum

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4. Business Process Overview

Single Premise	A property which includes a building or collection of buildings, which meets each of the following criteria: owned or occupied by one body in close geographical proximity to each other share a common enclosure which serve each other in some necessary way
Contracts	Before a new shipper can buy transportation and storage services it must get a license from OFGN and establish a contract with Xoserve
Supply Point Administration (SPA)	Maintains records of every consumer linked to the network. In particular which shipper(s) supply the gas and how much it uses in an average year
Gas Nominations	Each day, a shipper must inform Xoserve how much gas it wishes to transport and store on the following day. This helps Xoserve plan and control the daily operation of the pipeline system There are five types of nomination; Into the National Balancing Point (NBP) From the NBP on an exit service Into the NBP by withdrawal from storage Out of the NBP by injection to storage NBP to NBP for gas trading Nominations can be recorded up to one month in advance. They must be accepted, amended or rejected by the network before the gas flow day agreed procedure which is defined in the Network Code
Flexibility Market	Provides a market-based method for shippers to provide extra gas to enable NGT to keep a balance by supplying extra gas to or removing gas from the network. Shippers make bids which specify a quantity of gas and a price. The network then chooses the best bid, when necessary, to ensure the system stays in balance
Offers (Transportation Offers)	When xoserve receive a Supply Point Nomination it calculates the relevant transportation charges base on; AQ the amount of Gas consumed per year or capacity Exit Zone Local Distribution Zone (LDZ) Supply Type, i.e. Firm or Interruptible Maximum number of interruption days Meter Reading Frequency Offers are made within 2 days of nomination.
Confirmation	Shippers must confirm that the Offer made for gas transportation charges is acceptable before taking responsibility for supply point.

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Capacity Booking	The shipper has an agreement to book or trade capacity in order move gas along the network. Charges for this capacity are incurred at three places; Entry to the high pressure NTS Exit from the NTS offtake Capacity within the LDZ Capacity is booked (usually for 12 months) and/or by buying from other shippers. However, Xoserve automatically assigns sufficient exit and LDZ capacity to service each shipper's NDM portfolio
Ratchet Charges	To ensure that capacity is booked realistically, penalties are incurred when a shipper exceeds its booked capacity during the winter period (1st October - 1st May). This premium charge is called a ratchet and applies only to class 1 (daily metered) sites
Capacity Trading	The second method of obtaining entry or DM exit capacity is to buy it from another shipper with spare capacity. The shipper with spare capacity posts a capacity offer. Shippers are able to bid for the offer. Once a bid has been made it cannot be amended but it can be withdrawn. The shipper selects the winning bid on the closing date and the system effects the transfer of entitlement Although the capacity entitlement is transferred, the liability for payment remains with the original shipper. Xoserve takes no part in the financial settlement of the trade between the two shippers
Allocation	Divides the actual gas flows recorded by measurement among shippers according to the rules agreed in the Network Code. Shippers then pay a price per unit shipped
Daily Balancing	Compares shippers' input and output allocations. If they are more than a pre-determined percentage out of balance, additional charges are made to recover the network's cost of managing the imbalance
Invoicing	Each month Xoserve produces a detailed invoices
Daily Business Processes	
Allocation	In order to allocate usage, the system will firstly allow for the three usage of gas which are not the responsibility of the shipper; Stock change – a change in the pressure- in the pipeline between the start and end of the day Own use Gas (OUG) – the gas taken from the pipeline to drive the compressors or pre-head gas for pressure reduction Unaccounted for Gas (UAG) – the gas which is lost through leakage or measurement errors Gas flows to different parts of the network are allocated in different ways
Allocation – Terminal & On- Shore Fields	An agent may be appointed to manage allocation at the terminal; Producers inform each shipper how much has been delivered to the terminal Shippers may trace to ensure their allocation matches their nomination Shippers advise the agent of their claim Xoserve advises the agent of the measured quantity The agent check the measured against claimed and any discrepancies are resolved by the agent The agent informs xoserve Changes must be completed within D+7

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5. Daily Business Processes

Allocation – Storage Injection & Withdrawal	Each shipper is allocated exactly what is has nominated. Any discrepancies between nominated and measured is the responsibility of the storage manager
Allocation – DM Sites	The readings are received daily and used to calculate usage. Where readings are not available Xoserve calculate an estimate reading which will be used in allocation. Additional complications arise for shared sites where two or more shippers agree to supply the site. The agreement will determine how the usage will be split between the shippers.
Allocation – NDM Sites (Demand Attribution)	For every NDM site, Xoserve records the LDZ in which it is located, its consumption pattern (profile) and how much gas is used in an average year. Thus, Xoserve can calculate how much each shipper expects to supply to each LDZ in normal weather. Suitable factors are applied to allow for the weather during calculations. In each LDZ daily measurements are taken total demand which includes the DM sites. Thus, by deducting the consumption for DM sites, the system derives the NDM demand.
Balancing	As soon as the allocation is complete, a balance is struck for each shipper. The results of the balancing & allocation process are made available to the shipper. Whenever revised readings are received, the system will recalculate allocation and balance.
Reconciliation	The demand attribution formula gives a good estimate of consumption at NDM Supply points but it is only an estimate. When actual readings are received, Xoserve can reconcile the estimated consumption against the true consumption. The difference between the estimated charge and the actual charge is converted to a financial adjustment which is included on the next invoice
Charging	Almost all charges are calculated daily; Capacity for entry, exit and LDZ capacity Commodity – for transporting gas to the NTS exist and within the LDZ Scheduling – difference between the nominated and delivered quantities

6. Non-standard Sites Overview

Formally referred to as Unique sites; there are currently 118 industrial and commercial supply points sites with a combined Annual Quantity (AQ) value of 557 billion kWh (51.5% of the UK's throughput). These used to be managed offline owing to their complexities within the SPA and Billing arrangements, but since Project Nexus implementation they are now managed in SAP-ISU.

Site Type	Description
Shared Supply Meter Point (SSMP) – NTS and LDZ	More than one (unlimited) Shipper supplies gas through one meter. Shippers specify how the gas is to be allocated as a part of the nomination process by either default allocations based on % of SOQ or appoint an Agent to allocate the gas used on a daily basis. Shippers cannot be given access to the information about another Shipper.
Optional Tariff - NTS Shorthaul and LDZ Shorthaul	Site has to be eligible for but also chooses to take specific (shorthaul) rates and charges. It is available as a single charge, as an alternative to both the standard LDZ/NTS Capacity and LDZ Commodity Charges.
NTS/LDZ Telemetered	These sites do not send readings but instead energy values are sent directly to National Grid. Energy is then sent to the Gemini files (USM). This is currently a monthly file updated to the old UK Link, but will be sent daily to SAP. There will be a separate device against the installation. This will be the billable register.
Interconnector	These are telemetered gas terminals which ship gas on and offshore. The 3 main sites are – Bacton (Ships to and from Belgium), IUK (Moffatt) (ships gas to Ireland and ship gas from Norway) and BBL (ships gas to and from Netherlands). There is no Nomination/Confirmation process, and charges are specific based on the price book.
Daily Metered Connected System Exit Point (DM CSEP)	Historically a unique site but now worked in a more standard way. A site located on an Independent Gas Transporter (iGT)'s Network is referred to as a CSEP. Where the AQ of such a site is greater than 58,600,000 kWh, or the site is to be an Interruptible Supply Point (DNI), it must be a DM CSEP.
Connected System Operator (CSO) sites	These sites have many similarities to CSEP Sites although the original MPRN is requested by the Network.
Variable Pressure	Site has variable pressure which means standard calorific value cannot be applied.

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