
APPENDIX M



Networx Universal Program

Contract Number TQC-JTB-05-0001

Service Ordering Data Dictionary

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DATA DICTIONARY PACKAGE FOR ORDERING

The Data Dictionary Package for Ordering (DDPO) consists of a data dictionary for each of AT&T's required files. Within each data dictionary there are tabs showing the mapping specification for each of the Government's logical files, change instructions, and additional information. Sample data for each service proposed is included for each of the required files and is provided in a separate MS-Excel or flat American Standard Code for Information Interchange (ASCII) file format. This information is summarized in **Table M-2**.

[REDACTED]

The data dictionary files are all provided in MS-Excel and include all the required RFP data elements. [REDACTED]

[REDACTED]

[REDACTED] MS-Excel format or MS-Notepad format (any ASCII editor may open these files).

The Excel sample data files show the following:

- All Networx services bid by AT&T are represented.
- All the data dictionary elements are provided.
- An Excel sample data file exists for each required file.
- Each Excel file has seven tabs labeled by Networx Service Category. Each tab's worksheet contains all of the Category's Networx Service Codes.
 - Communications Transport Services (CTS)
 - IP Based Services (IPS)

- Optical Based Services (OBS)
- Special Services (SPS)
- Wireless Services (WLS)
- Management & Application Services (MAS)
- Security Services (RTS)
- Each tab is a worksheet that has sample data for each of the services within the Networx Service Category.
- If the data element is applicable for that service, then a sample is provided.
- If the data element is not applicable, then the cell shows a blank.

The fixed ASCII sample data files show the following:

- All Networx services bid by AT&T are represented.
- All the data dictionary elements are provided.
- A fixed ASCII sample data file is provided for each required file.
- Fixed ASCII sample data is provided as delimited records of which there are many types.
- Sample data for each service consists of multiple record types.
- If a data element field in the fixed ASCII file is not applicable for a given service, it is blank.

Specific data elements are defined for each Networx service type to create a Unique Billing Identifier (UBI). The UBI allows Government Agencies to uniquely identify services. The Government is provided with a mapping of how UBIs are designed for each Networx service type and each UBI uniquely identifies the service type, location, and Agency to which the services belong. UBI samples are provided in the sample data files, plus a separate summary UBI table with samples by service is provided in **Table M-1.** [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

NETWORX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
<i>Telecommunications Services</i>		
Voice Services	[REDACTED]	[REDACTED]
Circuit-Switched Data Services	[REDACTED]	[REDACTED]
Toll-Free Service	[REDACTED]	[REDACTED]
Combined Services	[REDACTED]	[REDACTED]
Private Line Service	[REDACTED]	[REDACTED]
Frame Relay Service	[REDACTED]	[REDACTED]
Asynchronous Transfer Mode Service	[REDACTED]	[REDACTED]
Ethernet Service	[REDACTED]	[REDACTED]
Premises-Based Internet Protocol VPN Services	[REDACTED]	[REDACTED]
Network-Based Internet Protocol VPN Services	[REDACTED]	[REDACTED]
Voice over IP Transport Services	[REDACTED]	[REDACTED]
Content Delivery Network	[REDACTED]	[REDACTED]
Converged IP	[REDACTED]	[REDACTED]
IP Telephony Services	[REDACTED]	[REDACTED]
Internet Protocol Service	[REDACTED]	[REDACTED]
Layer 2 VPN	[REDACTED]	[REDACTED]
SONET Services	[REDACTED]	[REDACTED]
Optical Wavelength Service	[REDACTED]	[REDACTED]
Dark Fiber	[REDACTED]	[REDACTED]
<i>Management & Application Services</i>		
Video Teleconferencing	[REDACTED]	[REDACTED]
Managed Network	[REDACTED]	[REDACTED]
Audio Conferencing	[REDACTED]	[REDACTED]

NETWORKX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
Teleworking		
Call Center/ Customer Contact Center		
Web Conferencing		
Dedicated Hosting		
Co-Located Hosting		
Storage		
Customer Specific Design and Engineering		
Unified Messaging		
Collaboration Support		
Managed Firewall		
Intrusion Detection		
Managed E-Authentication		
Vulnerability Scanning		
Anti-Virus Management		
Incident Response		
Secure Managed E-Mail		
Managed Tiered Security		
Special Services		
Land Mobile Radio		
Mobile Satellite		
Fixed Satellite		
Wireless Services		
Cellular / Personal Communications		
Multimode Wireless LAN		
Underlying Access Services		
Dedicated Access Arrangements		
Broadband DSL		
Broadband Ethernet Access		
Broadband Wireless Access		
Training		
Inside Wire		
Site Survey		
Custom Reporting		
SEDs		
Services Not Proposed		
Internet Facsimile		
IP Video Transport		
Cellular / Digital Packet Data		

NETWORKX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
Paging		

Table M-1: UBI List. GSA has a unique UBI structure for every Networkx service.

Table M-2 provides a list of the DDPO required files, the Government's logical files, the DDPO filenames, the embedded files and the instructions file. The instructions file contains an Instruction or "Read Me" tab, a Change Instruction tab; and tabs for UBI, service, and bandwidth codes. Embedded Excel files may be opened with any Microsoft Excel version 1997 through 2003 inclusive. Embedded ASCII text files may be opened with any version of Microsoft Notepad. Any ASCII text editor that runs on Microsoft Windows will open the embedded ASCII files.

	GOVERNMENT'S LOGICAL FILES		
	Not Applicable		
	Order Input		
	Order Receipt Acknowledgement		
	Service Order Confirmation		

[REDACTED]	GOVERNMENT'S LOGICAL FILES	[REDACTED]	[REDACTED]
		[REDACTED]	
[REDACTED]	Order Rejection Notice	[REDACTED]	
		[REDACTED]	
[REDACTED]	Firm Order Commitment Notice	[REDACTED]	
[REDACTED]	SOCN	[REDACTED]	
[REDACTED]	SOCN	[REDACTED]	

Table M-2: AT&T Data Dictionary Package for Ordering. All of AT&T's required ordering files are being created specifically for Networx and therefore have an almost one-to-one mapping with the Government's logical files.