
APPENDIX N



Networx Enterprise Program

Contract Number TQC-JTB-05-0002

Billing Data Dictionary

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DATA DICTIONARY PACKAGE FOR BILLING

The Data Dictionary Package for Billing (DDPB) 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 N-2**.

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

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

The Invoice Summary Data Dictionary file contains the Invoice Summary data dictionary and the Invoice Summary sample data file format. These are tabs in the MS-Excel Invoice Summary Data Dictionary file. The Invoice Summary sample data file will contain the invoice summary information for all AT&T bid Networkx services.

The Detailed Billing Data Dictionary file contains the Detailed Billing data dictionary, Adjustments data dictionary; Detailed Billing sample data file format, and the Adjustment sample data file format. These are tabs in the MS-Excel Detailed Billing Data Dictionary file and contain the information for usage, non-usage, tax details, and adjustment details for all services.

The Excel sample data files show the following:

- All Networkx 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 Networkx Service Category. Each tab's worksheet contains all of the Category's Networkx 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 Networkx 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 Networkx 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.
- Multiple units will show the Contract Line Item Numbers (CLINs), units, and prices separately.



- The CLIN for a feature can be associated with the Call Detail record (CDR) or CDR level record.
- A separate record for each instance of each individual item ordered and those detailed records will be associated with the order number.
- The detail billing file provides information at the CDR level.
- CLINs are associated with a Unique Billing Identifier (UBI) even if the charges are zero.

Specific data elements are defined for each Networx service type to create a 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 N-1**.

[Redacted content]

NETWORX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
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]



NETWORX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
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 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]
Management & Application Services		
Video Teleconferencing	[REDACTED]	[REDACTED]
Managed Network	[REDACTED]	[REDACTED]
Audio Conferencing	[REDACTED]	[REDACTED]
Teleworking	[REDACTED]	[REDACTED]
Call Center/ Customer Contact Center	[REDACTED]	[REDACTED]
Web Conferencing	[REDACTED]	[REDACTED]
Dedicated Hosting	[REDACTED]	[REDACTED]
Co-Located Hosting	[REDACTED]	[REDACTED]
Storage	[REDACTED]	[REDACTED]
Customer Specific Design and Engineering	[REDACTED]	[REDACTED]
Unified Messaging	[REDACTED]	[REDACTED]
Collaboration Support	[REDACTED]	[REDACTED]
Managed Firewall	[REDACTED]	[REDACTED]
Intrusion Detection	[REDACTED]	[REDACTED]
Managed E-Authentication	[REDACTED]	[REDACTED]

NETWORX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
Vulnerability Scanning	[REDACTED]	[REDACTED]
Anti-Virus Management	[REDACTED]	[REDACTED]
Incident Response	[REDACTED]	[REDACTED]
Secure Managed E-Mail	[REDACTED]	[REDACTED]
Managed Tiered Security	[REDACTED]	[REDACTED]
Land Mobile Radio	[REDACTED]	[REDACTED]
Cellular / Personal Communications	[REDACTED]	[REDACTED]
Multimode Wireless LAN	[REDACTED]	[REDACTED]
Dedicated Access Arrangements	[REDACTED]	[REDACTED]
Broadband DSL	[REDACTED]	[REDACTED]
Broadband Ethernet Access	[REDACTED]	[REDACTED]
Broadband Wireless Access	[REDACTED]	[REDACTED]
Training	[REDACTED]	[REDACTED]
Inside Wire	[REDACTED]	[REDACTED]
Site Survey	[REDACTED]	[REDACTED]
Custom Reporting	[REDACTED]	[REDACTED]
SEDs	[REDACTED]	[REDACTED]
Internet Facsimile	[REDACTED]	[REDACTED]
IP Video Transport	[REDACTED]	[REDACTED]
Cellular / Digital Packet Data	[REDACTED]	[REDACTED]
Paging	[REDACTED]	[REDACTED]

Table N-1: UBI List. GSA has a unique UBI structure for every Networx service.

Table N-2 provides a list of the DDPB required files, the Government’s logical files, the DDPB filenames, the embedded file and the instruction or “Read Me” file. 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.

[REDACTED]	GOVERNMENT’S LOGICAL FILES	[REDACTED]	[REDACTED]
[REDACTED]	Not Applicable	[REDACTED]	[REDACTED]



[REDACTED]	GOVERNMENT'S LOGICAL FILES	[REDACTED]	[REDACTED]
[REDACTED]	Invoice Summary	[REDACTED]	
[REDACTED]	Detailed Billing	[REDACTED]	
[REDACTED]	Adjustments	[REDACTED]	
[REDACTED]	Dispute File	[REDACTED]	
[REDACTED]	Dispute Receipt Acknowledgement	[REDACTED]	
[REDACTED]	Dispute Resolution Confirmation	[REDACTED]	

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