
APPENDIX N



Networx Universal Program

Contract Number TQC-JTB-05-0001

Billing Data Dictionary

Prepared by

AT&T
3033 Chain Bridge Road
Oakton, Virginia 22185
USA

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]

[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 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.
- 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 Networkx 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 Networkx 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**.

NETWORK SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
<i>Telecommunications Services</i>		
Voice Services		
Circuit-Switched Data Services		
Toll-Free Service		
Combined Services		
Private Line Service		
Frame Relay Service		
Asynchronous Transfer Mode Service		
Ethernet Service		

NETWORX SERVICE TYPE	UBI VALUE DEFINED BY AT&T	EXAMPLE
Premises-Based Internet Protocol VPN Services		
Network-Based Internet Protocol VPN Services		
Voice over IP Transport Services		
Content Delivery Network		
Converged IP		
IP Telephony Services		
Internet Protocol Service		
Layer 2 VPN		
SONET Services		
Optical Wavelength Service		
Dark Fiber		
Management & Application Services		
Video Teleconferencing		
Managed Network		
Audio Conferencing		
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		

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

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.

	GOVERNMENT'S LOGICAL FILES		
	Not Applicable		
	Invoice Summary		

	GOVERNMENT'S LOGICAL FILES		
	Detailed Billing		
	Adjustments		
	Dispute File		
	Dispute Receipt Acknowledgement		
	Dispute Resolution Confirmation		

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.