



Why Reformat Data?

Billing data has always been important and complex, but now, market erosion, phantom traffic and reduced revenues have increased the importance of every billing record exponentially. New services need new billing records or new data to be added to existing record types, and new network elements create billing records in a format not accepted by the billing processes.

The Telegence Reformatter converts different format input data to a format compatible with the billing process.

Telegence's AMA/CDR data mediation solution addresses these changes for you, thus minimizing the changes to downstream systems and applications.

Telegence's Solution

Our solutions feature unparalleled data processing tools to process all types of billing and usage data. The user can easily configure these tools via our system's GUI browser.

Our data processing tools address collecting, storing, filtering, auditing,

reformatting and routing of the data to any downstream OSS and/or BSS systems. Each of our data processing components will generate audit records upon completion of its processing of data files.

Telegence's extensive knowledge and experience in billing data processing is now being applied to all types of user data to provide a single flexible and easily managed solution for a Telco's business data.

Telegence's Data Reformatter

The Reformatter process is based on definitive rules that determine the criteria on how the raw billing records are treated. We use call record dictionaries along with user external databases to determine how records are converted and/or in some cases created. In the event that there are no rules defined for a particular call type, the Reformatter will generate an alarm and store the suspect records to an error file. Once the rules for these records have been defined, the records can be run through the Reformatter and processed accordingly.

Upon successful completion of the reformatting process, the reformatted records are stored in files for further

processing or distribution to downstream OSS and/or BSS systems.

Our detailed knowledge of CDR/AMA record definitions is coupled with our expertise in developing record conversion rules to determine the actions the Reformatter will perform.

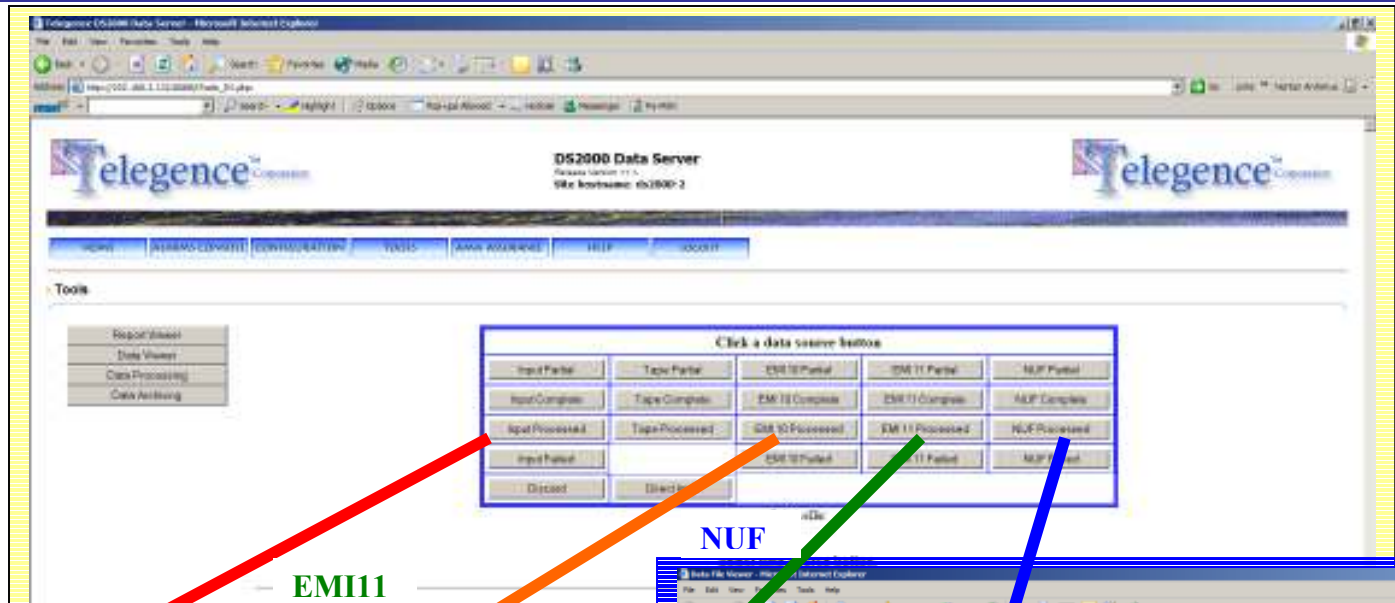
Telegence's Solution maintains a comprehensive database of all the applicable structure codes, tables, fields and modules that can be encountered in the input stream. To view the available tables within the system, you can simply click on the subject file in the specified directory.

Proven and Implemented Record Conversions

- ✓ AMA to NUF
- ✓ AMA to ST3
- ✓ NEAX Filter
- ✓ AMA to EMI
- ✓ SYSTEMX to Customer Defined
- ✓ UCS to ST3
- ✓ UCS to EMI
- ✓ UCS to NUF
- ✓ SoftSwitch to AMA
- ✓ AMA to Customer Defined
- ✓ CDR to Customer Defined
- ✓ ANY Data to Customer Specified

Telegence Corporation, 383 Kings Highway North, Suite B-1, Cherry Hill, NJ 08034 USA
<http://www.telegence.com>
Telephone: (856) 755-1717

Sample Reformatted AMA to EMI Conversion Capability and GUI Viewer

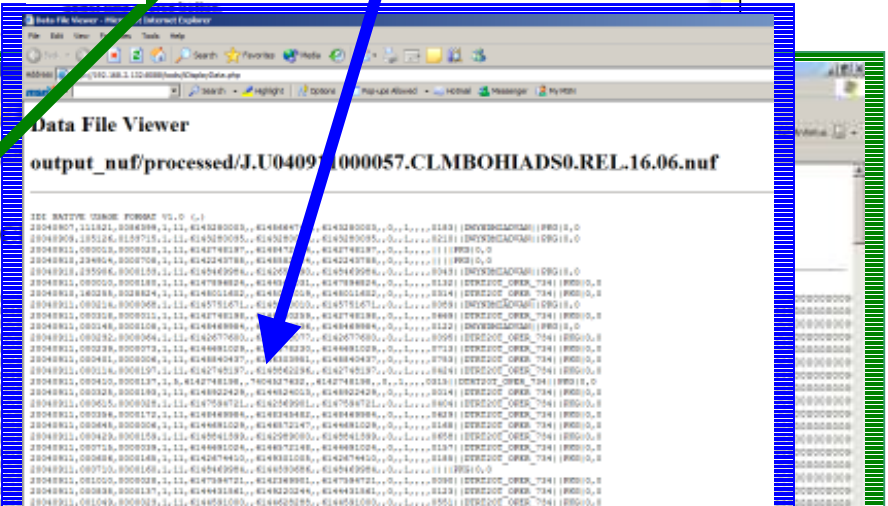
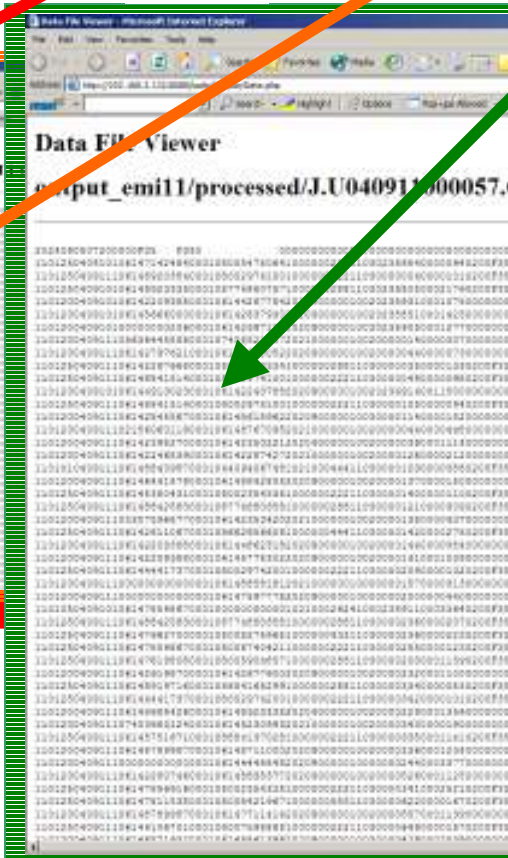
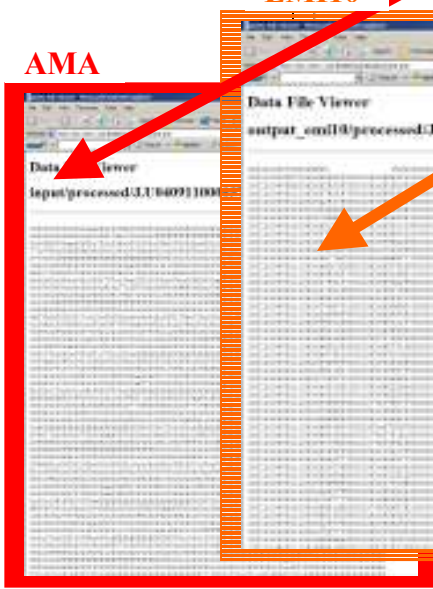


AMA

EMI10

EMI11

NUF



About Telegence Corporation

Telegence provides the telecommunications industry with reliable and proven hardware and software turnkey solutions for CDR/AMA data collection, mediation, processing and revenue assurance.

Please visit our web site to learn more.
<http://www.telegence.com>