

CONVERT ANY ASN.1 CDR FILE INTO XML OR CSV FORMAT



THE MARBEN CDR CONVERTER EASILY CONVERTS ANY ASN.1 BER ENCODED FILE TO A TEXT FORMAT.

REDUCE TIME TO MARKET – *QUICKLY CONVERT YOUR CDR FILES*

XML OR CSV TEXT FORMAT

- Work with comprehensive data in XML or CSV to significantly speed up the integration and usage of CDR data for your existing billing and mediation solutions.

COST EFFECTIVE

- Reduce development and integration time by avoiding code development for CDR conversion.
- No ASN.1 knowledge required - No training needed.

EASY TO USE – *USER FRIENDLY AND CUSTOMIZABLE*

SIMPLE

- Easy and user friendly command line interface.
- Automatic error detection and recovery.

FLEXIBLE

- Extract only required data and tune the output files to satisfy your requirements.
- Supports all ASN.1 CDR including those from Ericsson, Siemens, Huawei, ZTE, organizations like 3GPP or the GSM-Association (TAP3) and more.

EFFICIENT AND ADAPTIVE – *BENEFIT FROM OUR LONG ASN.1 EXPERIENCE*

FAST PROCESSING

- Benefit from our efficient memory and time optimized Java BER decoding runtime.
- Specific optimizations for CDR Conversion.

FUTURE PROOF

- ASN.1 compiler included for processing any CDR ASN.1 descriptions.
- Benefit from more than 30 years of experience in ASN.1 technology serving Telecom industry.

TARGET APPLICATIONS

Billing and Mediation platform,
CDR parsing and processing,
Fraud management,
Performance management,
Statistics...

About Marben

A leading provider of key software solutions for next generation service-driven networks.

More than 30 years of experience

Delivers interoperable, robust and efficient signaling, routing and AAA solutions to accelerate the delivery of network services.

Marben Customers

Airbus, Be-Mobile, Bosch, Ciena, Cisco, Continental, CSG, Ericsson, ESA, Fujitsu, GMV, HP, Nokia, NEC, Oracle, Siemens, Sprint, Telstra, Valeo, Verizon, Volvo ...

TECHNICAL OVERVIEW

MARBEN CDR Converter is designed to speed up your developments by simplifying the processing of your CDR files.

It is a generic command line solution that converts any ASN.1 CDR file into a suitable text file (XML or CSV) without requiring knowledge about CDR and ASN.1. Developed in Java, it runs on any system with a Java Runtime Environment installed. The tool is flexible and easy to use thanks to a simple command line interface. It encompasses a Converter and the MARBEN ASN.1 Compiler to support newer or changed CDR descriptions. All CDR files encoded using ASN.1 BER encoding rules are supported in accordance to the latest ASN.1 BER standards.

CDR Converter is based on MARBEN ASNSDK TCE-Java decoding engine which is memory and time optimized to provide the best efficiency.

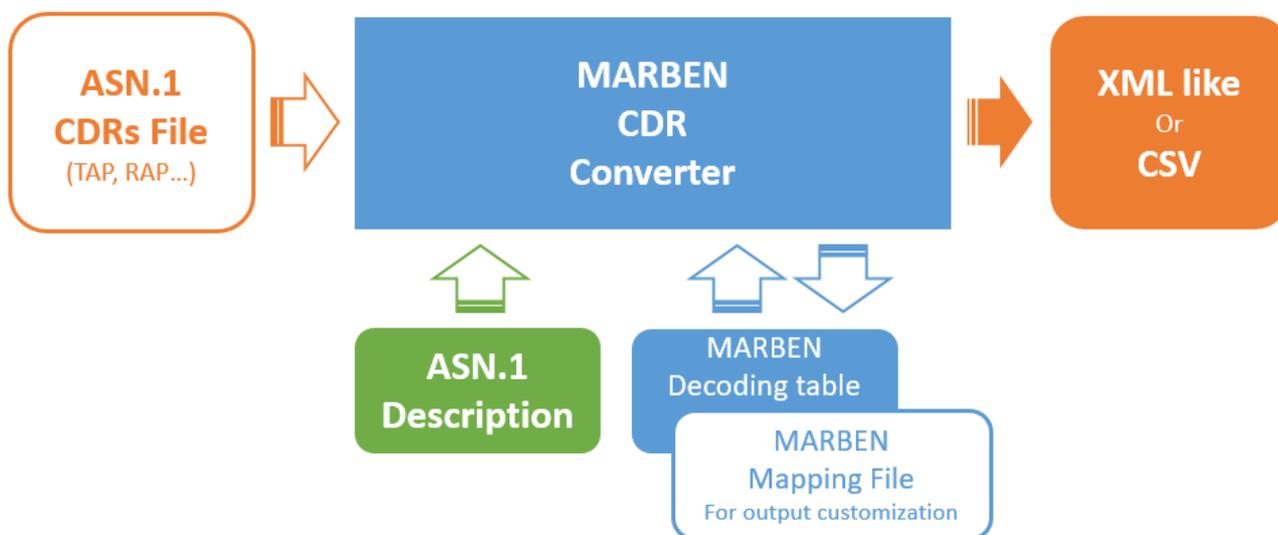
Two output text file formats are supported:

- XML (eXtended Markup Language).
- CSV (Comma Separated Values), records are on lines and fields are separated with commas. If the field is delimited with double-quotes, comma is preserved.

The CDR Converter generates the XML or CSV files based on mapping rules defined in a configuration file. Default mapping rules are automatically generated the first time and can be easily tuned to generate various XML or CSV output files. For instance, you can generate a CSV output file containing only some specific fields of the call data records or customized columns names. XML and CSV output values can be formatted into ascii, decimal, TBCD, and more...

MARBEN CDR provides many features to speed up its usage and integration, like the ability to convert multiple files at a time, by providing a powerful automatic recovery and error detection.

The CDR Converter is the easiest way to convert ASN.1 data from network switches or any other BER encoded file to XML or CSV.



CONTACTS

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CONFORMANCE

ITU-T X.680 (2008) | ISO/IEC 8824-1: 2008,
ITU-T X.681 (2008) | ISO/IEC 8824-2: 2008,
ITU-T X.682 (2008) | ISO/IEC 8824-3: 2008,
ITU-T X.683 (2008) | ISO/IEC 8824-4: 2008,
ITU-T X.690 (2008) | ISO/IEC 8825-1: 2008.

RELATED OFFERS

ASN.1 Value Editor is the most powerful and user friendly graphical tool that allows you rapidly display and modify your CDR Values; further more create, edit, modify and encode any ASN.1 values without code development.

Our ASN.1 experts deliver you the best of Consulting, Training and Custom Services.

SYSTEM REQUIREMENTS

Windows
Linux

Oracle Java Runtime Environment