



salamanca
SOLUTIONS INTERNATIONAL

MAKING THE DIFFERENCE



OMEGA
MEDIATION



CONVERGENT PLATFORM FOR THE AUTOMATION OF MEDIATION PROCESSES

Integrating your network data into the flow of your business.

The Omega Mediation system reduces the complexity of handling traffic, speeding up the collection process, data transformation and delivery to a wide range of systems in the telecom company.

Already integrated with network solutions for service providers, it guarantees shorter implementation times and provides standard and flexible procedures for integration with telecommunication systems to cover its information needs.

A flexible architecture that allows us to accompany changes that occur in the company's network environment, even supporting handling of special cases that cannot be handled from the network elements.

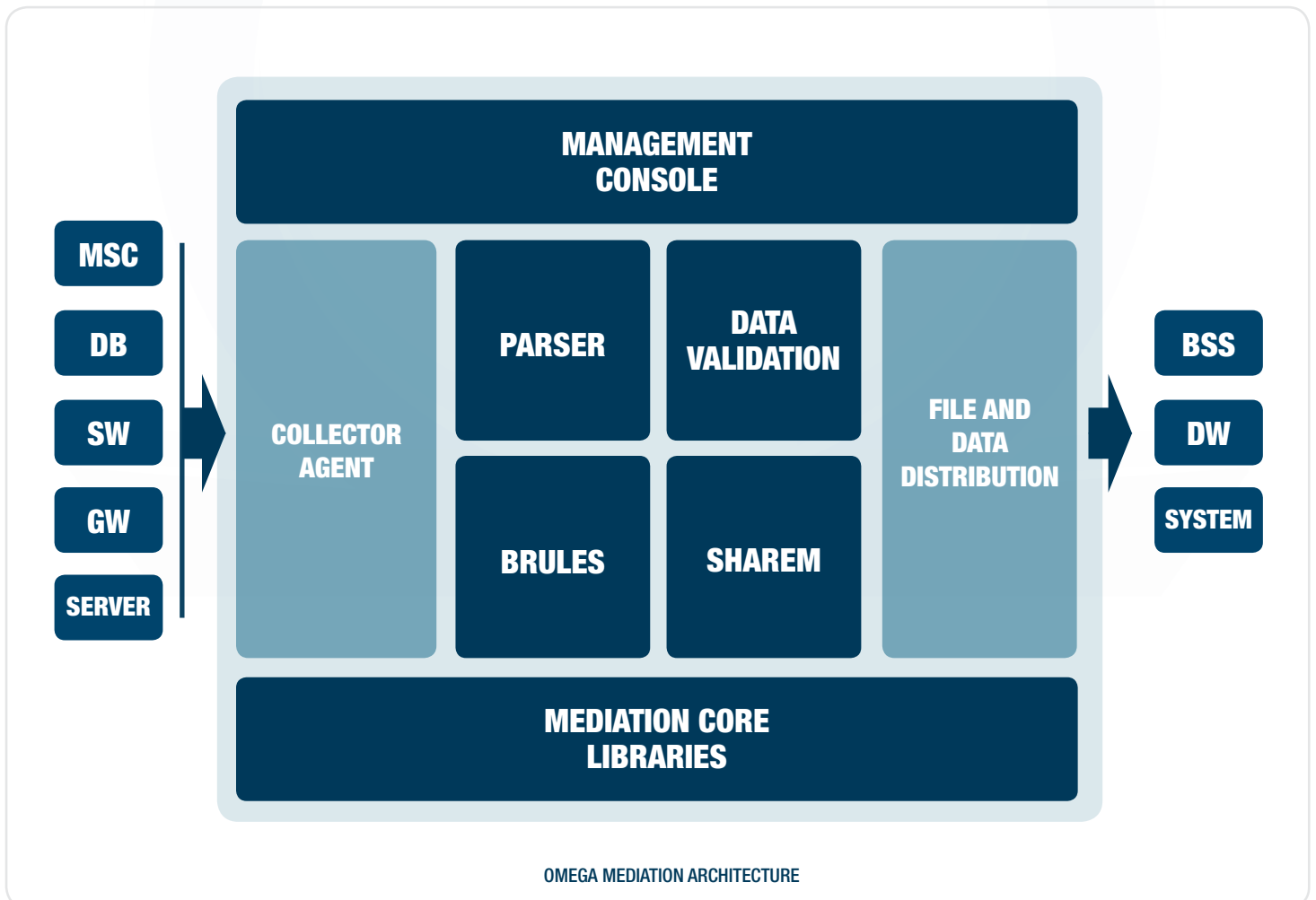


The Omega Mediation system is a flexible and scalable integration solution, real-time capture and correlation of event usage, keep the data flow between your network elements and back-office systems in a secure and agile way.

KEY BENEFITS

- FLEXIBLE AND SCALABLE ARCHITECTURE
- INDEPENDENT PROCESSING FLOWS
- DYNAMIC BUSINESS RULES
- PARALLEL PROCESSING
- FLEXIBILITY FOR ADJUSTMENTS AND CHANGES
- CENTRALIZED MONITORING AND CONFIGURATION
- INTEGRATED REPORTS MODULE

ALL NETWORK ELEMENTS TRAFFIC PROCESSED IN A SINGLE BOX





TECHNICAL SPECIFICATION

The Omega Mediation system is a flexible and scalable integration solution, real-time capture and correlation of event usage, keep the data flow between your network elements and back-office systems in a secure and agile way.

- VERSION
 - 6.0
- OPERATING SYSTEM
 - SUSE 10.X SERVER / REDHAT
 - ENTERPRISE V5.4
- DATABASE ENGINE
 - ORACLE
- NETWORK ELEMENTS SUPPORTED
 - GSM NOKIA / HUAWEI / NORTEL
 - CDMA NORTEL MTX
 - SMSC COMVERSE / HUAWEI
 - LEXCEL
 - GPRS NORTEL / NOKIA / HUAWEI / ERICSSON
 - CISCO SERVICE CONTROL ENGINE
 - MMS COMVERSE / CLEAR SKY
 - NORTEL CS2K

MAIN FEATURES

COLLECTION

Recovers traffic files generated by network devices and distributes it to the different parser nodes according to the proper configuration for each device.

DECODING

Interprets different xDR (Data Records of any kind) formats generated by network devices of vendors such as Nokia, Nortel, Huawei, Ericsson, Comverse, Lucent, Lexcel, Joytone and Clear Sky for conversion into a standard format for its correct interpretation and data manipulation.

SHARED MEMORY MODULE (SHAREM)

Complements the Business Rules Module in order to build complex events with partial xDRs, e.g. "long duration call".

A time-out "Life Cycle" for the xDR pairing is set. This period of time is defined as a parameter in the configuration files belonging to the OmegaMediationarchitecture.

DISTRIBUTION MODULE

Uploads all the files generated with the Business Rules module to a defined destination according to dynamic configuration.

BUSINESS RULES (BRULES)

Manages and aggregates xDR for proper construction of events or pairing information for proper interpretation.

Applies business rules requested by the client that could be configured in the system through the administration interface.

Business Rules are configured as a flow process for a driver, writing the rules step by step and adding specific data transformation functions to apply to each field as required. Functions can be added as required in an on-line mode.

MANAGEMENT CONSOLE

Integrated monitor that lets you view the status of the Omega Mediation modules as well as manage the configuration of all mediation modules in a web environment. Management console covers following features:

- Monitoring
- Configuration and Administration
- Security configuration
- Monitoring control reports



THIS PRODUCT IS PART OF THE



Customer Relationship Management

eTOM Framework

TERA	WHOLESALE	BILLING
CRM	E-LEARNING	GEO INTELLIGENCE

Services Management and Operations

INTEGRATION	IT OPERATION	VIRTUAL WALLET
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Resources Management and Operations

MONITORING	GLOBAL ROAMING	MEDIATION
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