



OpenCon Systems, Inc.

WORLDWIDE COMMUNICATION SOLUTIONS

OCS 303 Solution

FOR INTEGRATED DIGITAL LOOP CARRIER (IDLC) Systems

OCS' 303 Solution provides standards-based network management and dynamic time-slot assignment capabilities to traditional Integrated Digital Loop Carrier Systems and next generation Integrated Access Systems. The solution allows communication between Local Digital Switches, Remote Digital Terminals and Element Management Systems.

OCS' 303 solution allows the next generation integrated access products to work with PSTN Class 5 switches independent of distribution technologies such as Ethernet Over PON (EPON), ATM Over PON (APON), Hybrid Fiber Coaxial (HFC) systems, and xDSL. Without the OCS solution, next generation integrated access product vendors may find it difficult to deliver a product that is interoperable with the Integrated Digital Loop Carrier Systems within a short period of time.

BUSINESS NEED

GR-303 has been and still is, widely used industry standard in North America for communication between remote terminals and switches. Unlike the traditional RDTs, which provided subscriber terminations over a pair of twisted copper wire and transported only voice traffic, the next generation digital remote terminal transport voice, data and video over fiber, wireless and other high bandwidth transport media. Emerging access technologies such as EPON, APON and Wireless Local Loop (WLL) still rely on GR-303 standards to communicate with the CO switches as far as voice traffic is concerned. Voice Gateways that use packet based signaling protocols such as H.323, Megaco and SIP also use GR-303 standard when they off-load the voice traffic to the nearest Class 5 switch.

OCS GR-303 SOLUTION

OCS combines an off-the-shelf GR-303 Product Suite with an experienced Professional Services organization. The OCS GR-303 Solution meets the Telcordia GR-303 interface requirements for EOC and TMC. OCS' software is portable and provides a generic API which can be used to interact with the vendor specific application modules and low level drivers. OCS-303 package is a mature field tested GR-303 solutions. OCS-303 package has been tested for interoperability with Lucent's 5ESS, Nortel's DMS-100 and Siemens' EWSD switches.

OCS-303-RDT-Package

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| ■ EOC | ■ TMC | ■ Application Portals |
| ■ Driver Portals | ■ LAPD | ■ EOC/TMC PPS |
| ■ Redundancy | ■ Multi-IG | ■ Embedded Database |
| ■ ISDN (optional) | ■ Channel Testing (Optional) | ■ Perf. Monitor (optional) |
| ■ EOC/TMC Test Plan and Test Scripts | | |

OCS' GR-303 EXPERTISE

- GR-303 compliant and certified solution provider for major IDLC equipment vendors
- Implementation of GR-303 solution for next generation Integrated Access Equipment
- Development of CMIP/GDMO based Agents and Managers
- Object Oriented Design Approach

OCS 303 Product Architecture

