

# CHP CORView™ Element Management System

DIGITAL ELEMENT MANAGEMENT SYSTEM (DEMS) FUNCTION

NPA



- Save OPEX and maintain ARPU with outside plant product monitoring\*
  - Reduce unplanned outages
  - Increase subscriber satisfaction
  - Decrease number of emergency truck rolls

\*for OM4100/TM4100 products equipped with digital return
- Client friendly interface through the CORView Element Management System with the following functions;
  - Discover and display the outside plant product Topology data
  - Show status data of individual OM4100 nodes and TM4100 products
  - Show Alarm Thresholds
  - Monitor the OM4100 node and TM4100 products for Alarm conditions
- Easy enablement through a software command (CORView 3.5 and higher)

For cable operators looking to enhance the subscriber experience while improving ease of use and trouble free operation in their inside/outside plant , ARRIS presents the latest version of the CORView Element Management System with monitoring capability for Opti Max™ nodes and Trans Max™ hardened field hubs equipped with digital return.

The user friendly client interface and monitoring that CORView provides for the CHP Max5000™ Optical Headend Platform has been extended to the Opti Max™ node and Trans Max™ hardened field hub platforms, beginning with the Opti Max OM4100 4 x 4 segmentable node and the Trans Max TM4100 optical amplifier, TM4100 optical switch, and TM4100 RFoG repeater.

Monitoring of outside plant products equipped with digital return, especially those deployed in long haul network architectures, can reduce unplanned outages, loss of subscribers, and emergency truck rolls, saving OPEX and maintaining ARPU. The CORView DEMS functionality will;

- Discover and display the Topology data
- Show status data of individual OM4100 nodes and TM4100 products
- Show Alarm Thresholds
- Monitor the OM4100 node and TM4100 products for Alarm conditions

The DEMS functionality is available in CORView 3.5 or later at no additional charge (for those customers who have already purchased CORView). Enabling the feature is as easy as a software command in the CHP Max D2RRX digital return receiver dialog box. For OM4100 nodes and TM4100 products that are being converted from analog to digital, the addition of a daughter card (part # 1500149-002) and a download of the latest CORView software (3.5 or later) are all it takes for the cable operator to have remote visibility into the outside plant. For new OM4100 and TM4100 units with digital return capability, please refer to the ARRIS Product Wizard (<https://support9.arris.com>, user name and password required) or your authorized ARRIS sales representative.

## ARRIS New Product Announcement

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## Ordering Information

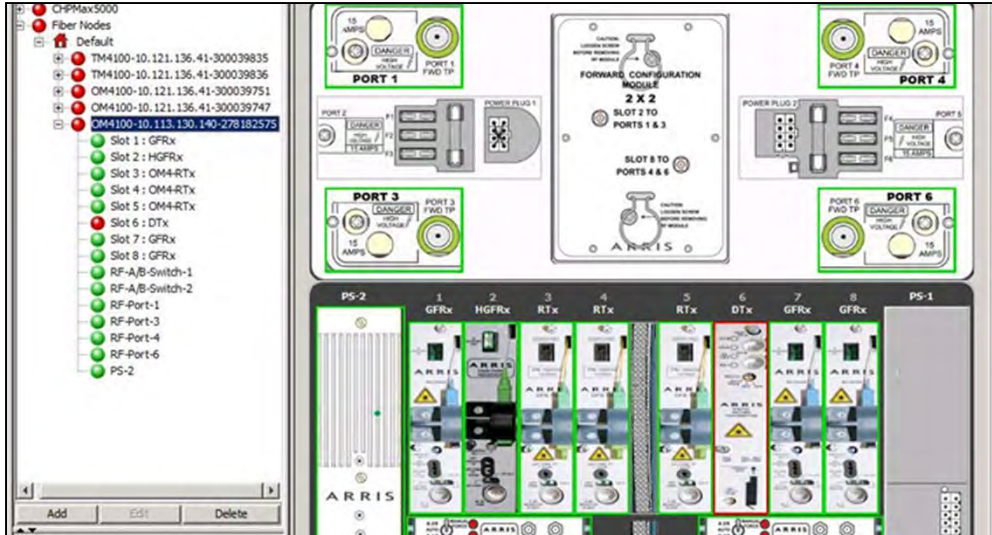
Part Number	Description
CHP-SMM-2 (software rev 2.2.0.0 or higher)	CHP Max5000 System Management Module with High Speed Backplane for remote monitoring and management of CHP Max headend equipment
COR-SYS-SRV-L1 (must be Ver. 3.5 or higher)*	CHP CORView Element Management System: up to 25 SMM devices or 250 CHP Max5000 chassis. Includes MySQL license
COR-SYS-SRV-L2 (must be Ver. 3.5 or higher)*	CHP CORView Element Management System: up to 75 SMM devices or 750 CHP Max5000 chassis. Includes MySQL license
1500149-002	Daughter card for converting Opti Max 4100 or Trans Max 4100 from analog to digital
CHP-D2RRX-42-xx-S (firmware rev 1.6.0.0 or later)	CHP Max Dual Digital Return Receiver, 5-42 MHz
OM4DTX-SFP-242-5A8	5-42 MHz Digital Reverse Processor with dual SFPs, EMS transponder for Opti Max OM4100 and Trans Max TM4100
<b>*Digital monitoring in CORView enabled through the CHP Max D2RRX dialog box</b>	

## The following do NOT support Digital EMS functionality at this time

CHP-D1RRX – 42-xx	OM4DTX-SFP-242-5A1
CHP-D2RRX – 65-xx-S	OM4DTX-SFP-242-5A3
CHP-D2RRX – 85-xx-S	OM4DTX-SFP-242-5A7
OM4DTX-SFP-242-5A	OM4DTX-TWC-242-5A1

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## CORView Digital Monitoring Client Interface (example)



## Other applicable collateral

CORView Product Flyer (publication code: CORV\_3.5\_PF)

CORView Technical Specifications (publication code: CORV\_3.5\_TS)

The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice. ARRIS, the ARRIS logo, Auspice®, BigBand Networks®, BigBand Networks and Design®, BME®, BME 50®, BMR®, BMR100®, BMR1200®, C3™, C4®, C4c™, C-COR®, CHP Max5000®, ConvergeMedia™, Cornerstone®, CORWave™, CXM™, D5®, Digicon®, E6000™, ENCORE®, EventAssure™, Flex Max®, FTMax™, HEMI®, MONARCH®, MOXI®, n5®, nABLE®, nVision®, OpsLogic®, OpsLogic® Service Visibility Portal™, Opti Max™, PLEXIS®, PowerSense™, QUARTET®, Rateshaping®, Regal®, ServAssure™, Service Visibility Portal™, TeleWire Supply®, TLX®, Touchstone®, Trans Max™, VIPr™, VSM™, and WorkAssure™ are all trademarks of ARRIS Group, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. © Copyright 2013 ARRIS Group, Inc. All rights reserved. Reproduction in any manner whatsoever without the express written permission of ARRIS Group, Inc. is strictly forbidden. For more information, contact ARRIS.



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