

MRV for You Newsletter



In the Metro Ethernet domain, we are proud to inform you that MRV's recently released OS910 has rapidly become the number one Metro Ethernet Demarcation device in the world; we have also reinforced our position as a WDM and Optical Transport carrier solutions enabler, thanks to the use of cutting edge and innovative WDM technologies such as the LambdaDriver tunable TCM modules or the amplifier modules based on the Raman technology. These enabled us to supply solutions that were otherwise beyond reach.

This newsletter, as we see it, is a “full duplex matter”, where both our Partners and us at MRV, contribute to the contents. Until now, it has worked well and we’re always happy to be able to share with the MRV community material from our partners. So keep on sending us info about successes, events, seminars or anything you think would interest the others, or that you’d like to receive from others.

Enjoy your reading!
Dany Rafaelli



Optical Networking Technologies



Products highlights

OptiSwitch 300 Series - Optical Termination Unit

The OptiSwitch 300 is a Fast Ethernet and Gigabit Ethernet small footprint Optical Termination Unit (OTU) that provides a simple and cost-effective solution for connecting optical fiber between the customer premises and a broadband service provider. The OS304 Ethernet optical termination unit offers the service provider the capability to extend the Metro Network Ethernet service over fully managed optical 1000FX (GE) or 100FX (FE) links. It allows the carrier to offer the simplest level of Ethernet services: a fully managed native Optical Ethernet demarcation channel, with controlled bandwidth, protected network and customer ports, VLAN aware and unaware modes and cable diagnostics features.

Special highlights

- Local loop 100FX, 1000FX Fiber extension to businesses
 - NID/NTE Network Interface/Network Termination
 - Optical versatility for different rates & distances
- Line extension Ethernet-centric service
 - Jumbo frames (9K), transparency
 - 50ms optical protection
- Operation, Administration & Maintenance
 - Remote management, control & fault diagnostics



OS300 SERIES

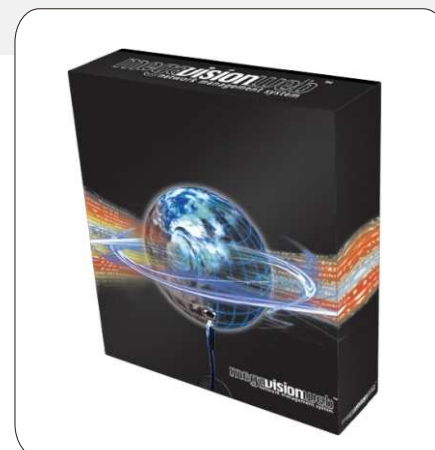
For more information: <http://www.mrv.com/corporate/why.php?what=os9>

MegaVision® for Enterprise – new release

Starting from version 2.33 MegaVision Enterprise NMS product is released and added to the price list. MegaVision Enterprise is a cheaper limited version of MegaVision Pro NMS.

The limitations of MegaVision Enterprise are:

- Up to 14 managed devices
- MCC application (multi-user application associated with MRV Media CrossConnect devices)
- WDM Service Manager (multi-user application associated with MRV LambdaDriver devices)
- No Event Horizon/Alarms management Fault Management System (associated With MRV InReach / LX devices)



MegaVision® for Enterprise

For more information: <http://www.mrv.com/product/mrv-nm-mvweb/>

OptiSwitch 9000 series and **FiberDriver** successfully completed testing based on **802.3AH** IEEE standards and are now **lometrix certified (Metro Ethernet Forum Certification Lab)**

MRV is pleased to announce that both the OptiSwitch® 9000 and the FiberDriver® metro Ethernet systems successfully passed compliance tests of the lometrix Test Suite for Ethernet in the First Mile Operations, Administration & Maintenance (OAM) and are certified compliant for all IEEE 802.3ah service provider applications.

"These tests give MRV the opportunity to demonstrate that its products deliver the absolute standards compliance and interoperability needed for carrier-scale metro Ethernet networks," said Noam Lotan, president and CEO of MRV Communications.

For the complete press release: <http://www.mrv.com/newsroom/pr/pr-view.php/230>

Release of a new revision of International CD Marketing

We have just released a new revision of our Marketing CD (Revision 275). As before, it contains all the most recently updated documents such as datasheets, application notes, case studies etc.

In this new revision, in addition, you will find the following new documents:

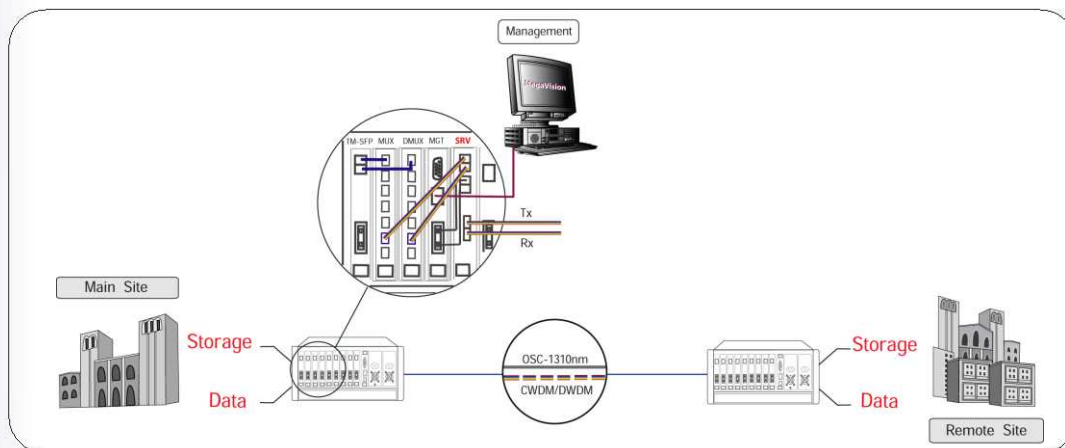
- OS300 folder
- OS900 series folder
- MRW55 datasheet
- Optical Networking Solutions for mobile operators brochure
- MRV's 10GE Solutions paper
- Metro Ethernet Access solutions



Applications of the month (Case Study)

MRV's WDM Solution for Super Computing in University Research

The interuniversity Consortium for the Application of Super-Computing for Universities and Research (CASPUR) is a non-profit organization of the Italian ministry for Education, which operates supercomputer centers in Rome, and serves the universities of Rome and of Southern Italy.



They needed to deliver several Gigabit Ethernet channels for the calculations performed at their 3 supercomputing centers, where high-end research was being done. They would have needed 5 fibers, but what they had already deployed was only one fiber strand.

Obviously, they needed a WDM-based solution. MRV offered an OS9000 Gigabit switch-router together with a WDM platform. The main reason why CASPUR selected MRV as their provider is that we offered the only solution in the industry that integrates WDM together with routing on one same platform, at an extremely cost effective price.

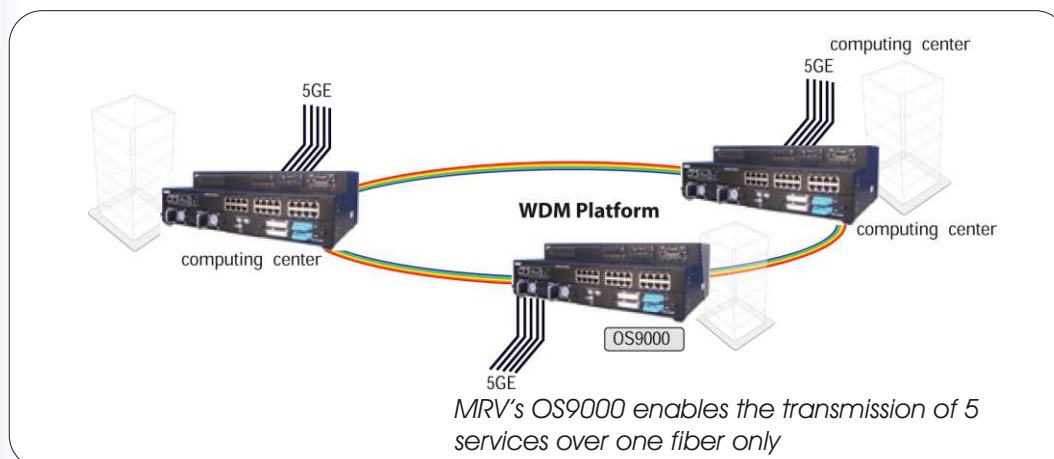
CASPUR now enjoys a reliable and stable solution with many fiber ports and a WDM platform that enables them to comply with the strict requirements of high end research computing.

LambdaDriver for Data Transmission and Storage over one same fiber infrastructure

Deploying a Point-to-Point infrastructure based on MRV's LambdaDriver WDM platform, enables the network operator to ensure an open in-field upgrade where no time or data is lost due to flow interruption. Also, it becomes possible to add many services on the existing platform thanks to the unparalleled flexibility of the LambdaDriver, the unique WDM chassis that can host both CWDM and DWDM on one device.

Transferring many services over a single fiber pair allows customers to:

- Save on fiber lease/buy costs.
- Upgrade networks with new services over existing fibers
- Outsource "dark" WDM channels instead of dark fiber
- Build networks with much larger throughput than with any other technology



Events

MRV has recently participated in 3 major events:

MPLS Interoperability Test and World Congress



We were present at the interoperability demo lab with two OS9000 (9024M and 9024M-210G) and an OSM207.

The interoperability test infrastructure resembled two next generation carrier networks designed to support end-to-end IPTV, Triple Play, business services and cellular backhaul. There, MRV displayed its ability to provide VPLS, MPLS, HVPLS, BGP VPN and aggregation possibilities while working in transparent interoperability with all the major vendors in the industry.



Alain Marion and Francois Beunier of MRV's French office were there the whole time to present our solutions to the many visitors.



3GSM Barcelona 2007

3GSM is the largest international show for Mobile Operators. MRV offered solution for the operators' infrastructure:

- Fiber optimization and Transport
- Management and Control platform

Our solutions generated a lot of interest and we had several very promising meetings with people from all over the world.

Yves Michelon from our French office and Juergen Keck from Germany assisted Guy Avidan and Chen Genossar in answering the visitors' queries.



MRV also participated in and sponsored the Israeli Innovation Summit, a prestigious conference where leading academic minds and leading industrialists meet and exchange ideas on innovative technologies and solutions. Our CEO, Mr. Noam Lotan, came especially for this event where he lectured on MRV broadband solutions.

For more details: <http://www.israelinnovationsummit.com/>

The Israel Innovation Summit

MEF Quarterly Meeting

23-26 April, Orange County, USA

We are going to participate in the quarterly meeting of the Metro Ethernet Forum members.

This is a very exclusive meeting where Metro Ethernet standardization and regulations are discussed and set.

Our Zeev Draer, product manager for MRV's Metro Ethernet solutions will represent us there.



NXTcomm

June 18 – 21, 2007 Chicago, USA

NXTcomm is the only global forum and marketplace for telecom, cable, IP, wireless and satellite delivery of content. From enterprise users and service providers to technology suppliers and content providers, the forces that drive communication and the solutions to harness it converge here. With 20,000+ attendees and 450+ exhibitors, NXTcomm is the only place where you can be at the center of the expanding communications universe.



As an exhibitor, we will demonstrate our advanced Optical Metro Access and WDM Optical Transport solutions. The displayed product lines will be the OS various series, the LambdaDriver and the FiberDriver.

For more details on the show: <http://www.nxtcommshow.com/>

Datacenter Technology Update Seminar

22-23 May 2007 - Frankfurt and Munich, Germany

Together with other leading technology suppliers such as Brocade or Sony, MRV is a Gold Sponsor of the event, where we will demonstrate our advanced technological solutions for datacenters networks. Chen Genossar will give a lecture on Virtual Fiber Technology.