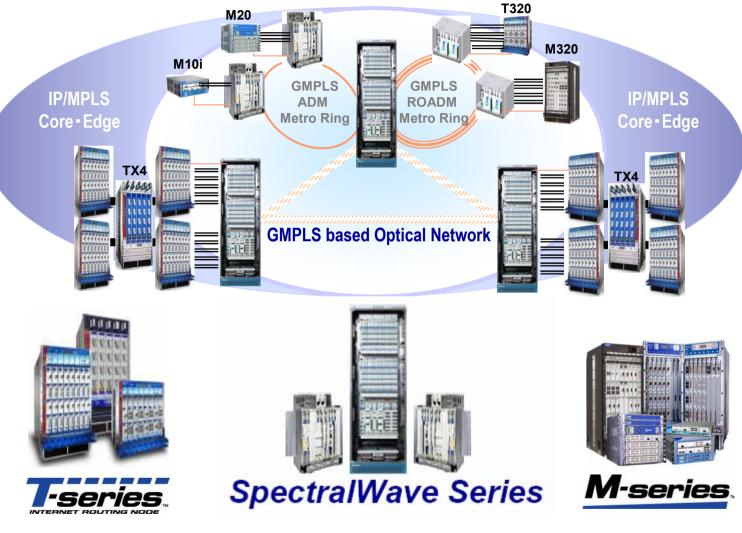




Multi-layer solution



# **GMPLS Compatible Platforms**

### TX Matrix<sup>™</sup> - Resilient Architecture

#### Fully Redundant architecture

•No single point of failure

Passive mid-plane design

#### Full Component Redundancy

•(5) Fabrics: (4) provide full non-blocking switching

•Dual power, cooling, RE's, CB's, CIP's

#### Fully redundant interconnects

•5 optical data paths between each T640 and TX

•Separate, redundant UTP control paths between each

## TX Matrix - Full Featured

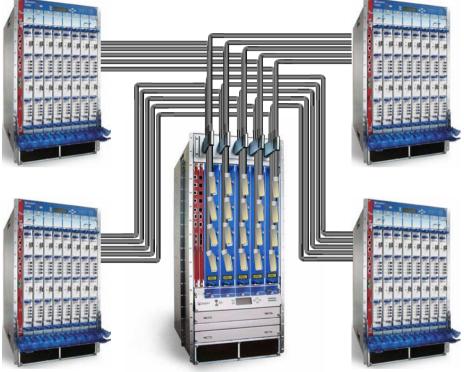
#### Supports (4) T640 Routing Nodes today

•2.5 terabits of capacity....scales well beyond

#### •(128) 10Gbps ports, (512) 2.5Gbps ports

Same FPC's and PICs – Investment Protection

#### The "Juniper way"



## **TX Matrix System**

•All M/T leverage same architecture & JUNOS SW, Single OS = service velocity, operational efficiency

#### JUNOS + TX Matrix = Full Featured at FCS

•GMPLS, IPv6 multicast, Point to multi-point LSP's, L2/L3 VPNS, much more



Copyright © 2003 Juniper Networks, Inc.

#### Proprietary and Confidential \_\_\_\_www.juniper.net

# **Plug & Work GMPLS Operation NEC**

