



Nexus Ultra™

**Line Access Gateway
for**

Original Equipment Manufacturers



“Nexus Outside” for OEM Access Solutions

- **Industry leader in OEM telecommunications equipment design**
- **Cost effective international manufacturing**
- **10’s of millions of Nexus access lines deployed**
- **Founded in 1987**
- **Located in Auburn, California**



Drum Roll..... Introducing.....
The Nexus Ultra™ Line Access Gateway

- A Line Access Gateway designed specifically for OEMs
- Key to the Circuit to Packet revolution
- Ultra-Broadband
- Ultra-Dense
- Ultra-Economical

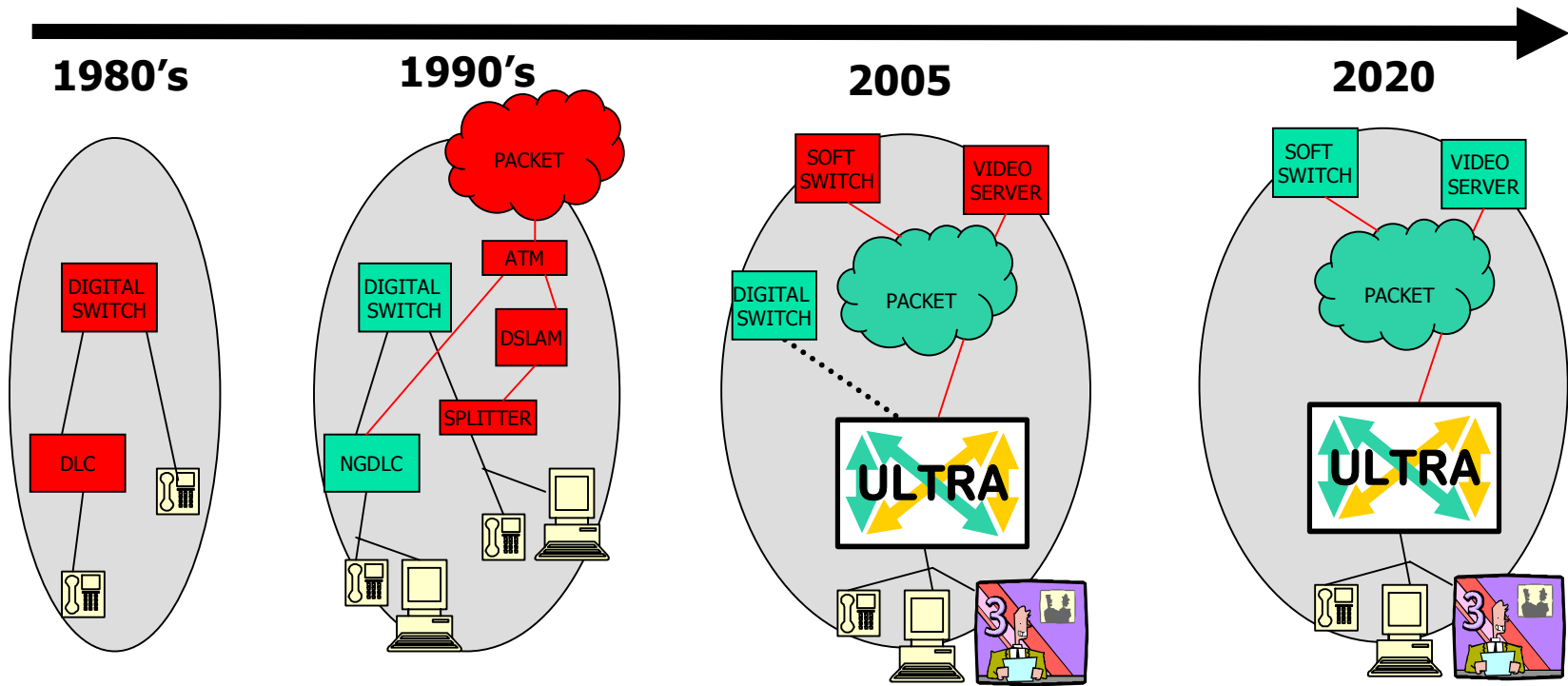


Nexus Ultra™ Line Access Gateway





Key to the Circuit to Packet Evolution



Nexus Ultra™: Gateway, NGDLC, BLC, DSLAM



Ultra-Broadband Gateway

- **480 Gigabit Backplane**
- **Point-to-Point-Multi-Thread™ bus structure for economy and reliability**
- **Simultaneous TDM and IP: GR-303/V5 and SIP uplinks**
- **Provides a network evolution path all the way to FTTP**



Ultra-Dense Line Packing

- 3120 POTS/DSL lines per 7' rack
- 624 lines per 8 RU shelf w/fans
- High density reduces cost per line



Ultra-Economical = OEM Profit Margins

- **Low cost design from ground up**
 - High line density
 - Ethernet data architecture
 - TDM voice architecture
- **Nexus has low overhead**
 - International manufacturing and engineering
 - Sales and support provided only to OEMs



Other Important Features

- **Telco grade reliability**
 - No single point of failure
- **Temperature hardened NEBS3 design**
- **Emergency Stand Alone (ESA) capable**
- **CALEA capable**
- **SNMP, telnet and WEB based management**
 - Integration with host available
- **Integrated internal or external test capability**
- **External ethernet switch/router option**
- **Color and faceplates matched to customer specs**



Applications

- **Line Access Gateway for:**
 - Soft-switch, packet switch, circuit switch
 - QOS enabled ethernet switch/router
- **VoIP over POTS lines**
- **VoIP/TVoIP over DSL/fiber lines**
- **NGDLC**
- **BLC**
- **DSLAM**



DLC Partnership vs. Nexus OEM

- Minimal profit margin
- Partnership is small fraction of overall business
- No path to improvement as requirements evolve
- Additional network element for customer to manage
- Additional vendor for customer to get support
- Substantial profit margin
- OEM sales is entire business
- Custom engineering available
- Integrated network management available
- Single source for customer to get support



More... DLC Partnership vs. Nexus OEM

- **Product may change or become unavailable**
- **Appearance will not match your product**
- **Manufacturing license not available**
- **Product design is kept in escrow**
- **Custom appearance modification available**
- **Manufacturing license available**



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