



Meridian 1 Option 11C and Option 11C Mini IP Expansion

Give Your Remote System Brains— and IP Muscle.

Want to boost your remote network capacity with voice over IP and still use your current equipment? Then you're ready for Meridian 1* Option 11C and option 11C Mini Internet Protocol (IP) Expansion. It's the easiest way to migrate your voice traffic safely and gradually from circuit-switched voice calls to voice-over IP using your company LAN. It's safe and it's smart.

The High-Power, Low-Risk Survivable Solution

Maybe your Option 11C system is nearing capacity of 9 PRI, and you need more digital trunks. Or perhaps you want to move to IP technology, but not all in one step—you want to leverage your current equipment as you make the move. Or maybe you have a location or work group that's critical to your business—it must continue to function even when cut off from the main switch.

If so, IP Expansion is made to order. Based on industry standards, IP Expansion increases the power of your Option 11C expansion cabinet or Option 11C Mini expansion chassis, supporting digital trunks and allowing it to operate as a

standalone unit. IP Expansion offers voice distribution over your LAN, so now you have the option of circuit-switched or packet-switched calls. And as networks move toward increasingly sophisticated IP solutions, you can safely incorporate those IP solutions with the help and know-how of an industry leader.

In short, IP Expansion beefs up the reliability of your communication system by enabling the distribution of the system (including digital trunking) over your company LAN, and allowing each expansion unit to function as a fully independent, survivable system.

Muscle Up With Distributed Digital Trunking

IP Expansion allows you to distribute your DTI and PRI cards in both main and expansion slots, dramatically increasing your system's resilience, and affording the opportunity to engineer the system for "survivable" workgroups. Now your Option 11C can support up to 45 digital trunk cards, and your Option 11C Mini chassis up to 15 digital trunk cards.

Our IP Expansion cabinets are distributed over the Meridian 1 High Performance Data Network using dynamic bandwidth allocation—the expansion cabinet will use bandwidth only when needed. You also get full monitoring of your data network connection to ensure that it delivers the highest voice quality.

With IP Expansion, your sites have the brains and brawn to communicate via IP over your data network.

Distribute your system's intelligence... function with or without the main.

Let's say there's a power outage on your main switch. Your remote system is cut off—until you restore power. With IP Expansion you won't have that problem. Your remote system carries on normally despite power outages, cut cables, whatever. Why? Because each IP Expansion has its own small system controller, so all resident voice and data communications continue uninterrupted.

Your remote cabinet can access the public network directly, even when it's cut off from the main switch. We call that survivability, and it's available via keycode to any or all of your IP Expansion locations.

Survivability gives your system new reach and flexibility. IP Expansion cost-effectively brings all the Meridian 1 desktop features and applications directly to your distributed locations. And the survivability option assures that your remote locations will continue to operate as usual—even when connectivity to the main is disrupted.

Smart connections in just your size.

When it comes to connecting your branch and main offices, nothing gives you more choices than IP Expansion. First, it's affordable. The IP cabinet uses standard Ethernet connections, so it's simple and low-cost.

Next, it's flexible. You can choose from long haul 100BaseF fiber that lets you connect up to 2 km (20 km with third-party devices), or a 100BaseT IP connection in either a point-to-point or LAN configuration. So size up the situation, then let IP Expansion link you up.

The Genius of IP Expansion

Networking developers are designing new and exciting IP solutions every day. Why not get your offices into the game by giving them IP capabilities, a distributed system architecture, and workgroup survivability?

With Meridian 1 Option 11C and Option 11C Mini IP Expansion, you get:

- A cost-effective IP solution for your distributed locations
- Scalable growth to 700 lines
- Non-blocking architecture—calls can always be placed at all times
- True voice and data convergence—IP technology with PBX reliability
- Consolidated IP Network administration
- Smooth migration to the IP networks using your existing equipment
- Distributed DTI and PRI trunking
- Workgroup survivability
- Full feature transparency across campus network
- Investment protection—by investing in IP technology without sacrificing performance.

We'll give your distributed locations a fighting chance.

When it comes to doing business, your entire business needs the tools of the trade. Meridian 1 Option 11C and Option 11C Mini IP Expansion is technology for an evolving world. Let us show you the difference it can make to your bottom line.



For more information, please contact your authorized Nortel Networks distributor or call 1-800-4 NORTEL (1-800-465-7835)

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