

# Vertical WaveNet

WaveNet is an integrated “in-the-box” networking solution for the Wave IP Business Communications System. As an add-on application, WaveNet is an ideal solution for businesses that need to support communications among distributed multi-site Wave IP locations.

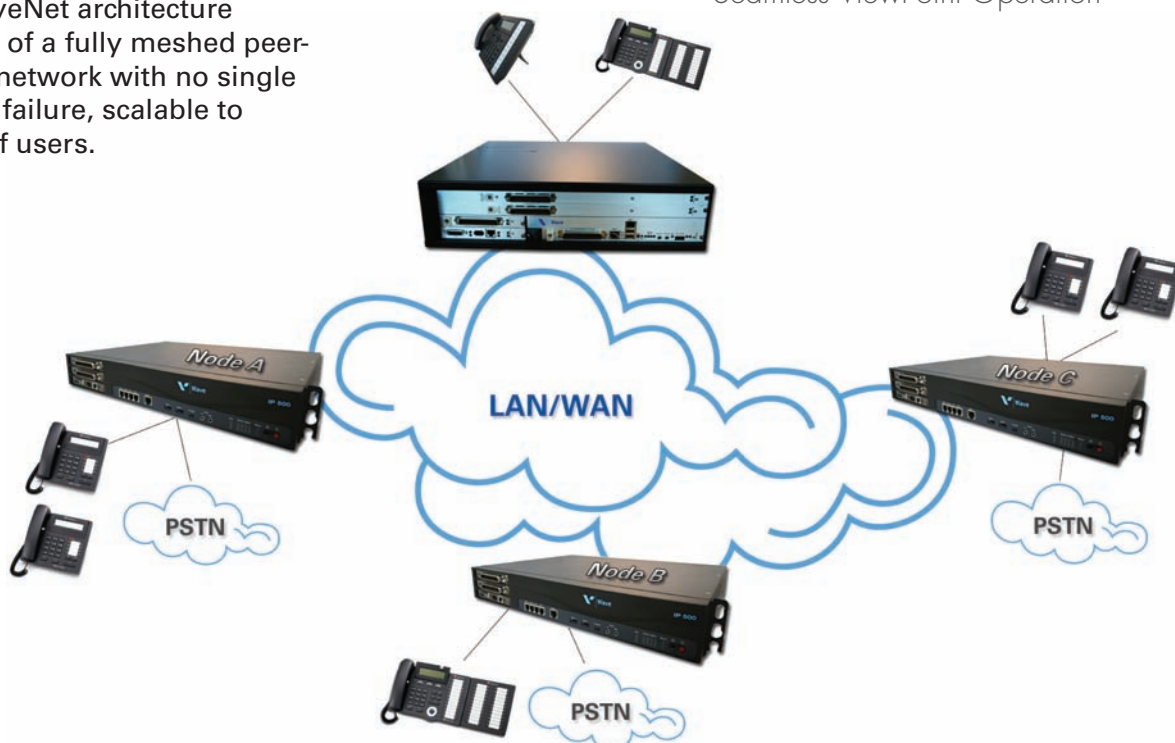
## Multi-site Networking

WaveNet aggregates multiple locations into a single telephone system, combining users from various locations to present a single network wide extension list and dial plan. Employees everywhere can reach each other through seamless intercom dialing, view presence & personal status (via phone or ViewPoint) and seamlessly exchange voice mails without the need to remember location or complicated dialing codes.

The WaveNet architecture consists of a fully meshed peer-to-peer network with no single point of failure, scalable to 1000's of users.

WaveNet seamlessly connects multiple Wave IP sites via IP and SIP to provide a “Unified Phone System” offering:

- Unified Dial Plan
- Simplified Administration
- Phone Feature Transparency (DSS/BLF, transfer, conference etc across nodes)
- Voice Mail Networking
- Automatic route management
- Fault tolerance
- Seamless ViewPoint Operation

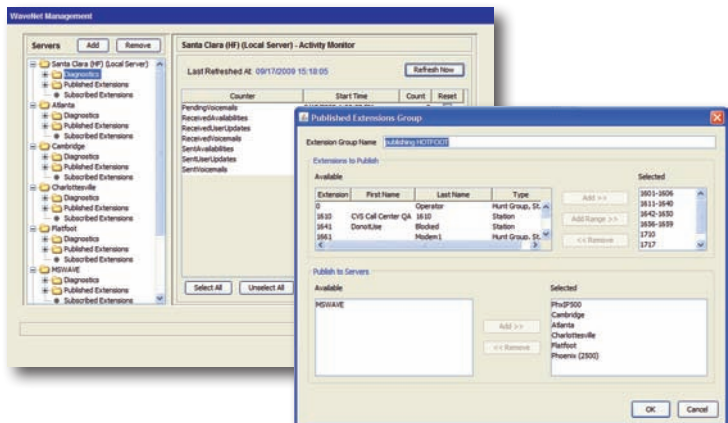


## Unified dial plan: seamless ViewPoint operation

In WaveNet each site is aware of users at other sites, meaning that remote users simply appear as local users in the award-winning ViewPoint application and therefore direct extension dialing exists across the network. Local users and the Auto Attendant can seamlessly transfer calls to remote users, and voicemail can be sent, forwarded and replied to. Customers can simply contact employees via Dial-By-Name directory irrespective of employee location.

## Simplified administration

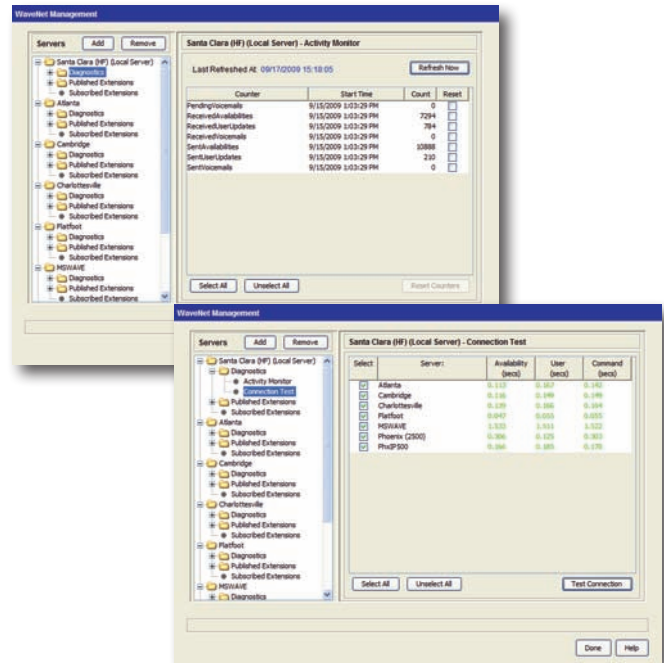
WaveNet dramatically simplifies administration by eliminating repetitive manual tasks. Adding a node or changing a user on the network only takes a few clicks as WaveNet automatically handles the configuration, dial plan synchronization, inter-site call routing and ongoing management tasks to keep all systems synchronized. Depending on system configuration and site preferences, WaveNet can route enterprise calls using either SIP over a VoIP network or traditional PSTN via PRI or Analog for maximum flexibility.



Published extensions settings from your local node in WaveNet

## Fault tolerance

WaveNet uses a peer-to-peer architecture to eliminate any single points of failure – this enables offices to continue to function even if intra-office networks are interrupted, or if an individual location loses power. Robust error recovery mechanisms built into WaveNet ensures that information such as voicemail, presence status etc are automatically synchronized when network connectivity is reestablished.



Diagnostics activity monitor for your local node in WaveNet (background), with diagnostics connection test from your local node in WaveNet (foreground).



For more information or to place an order, contact your Certified Wave IP Business Partner, call Vertical at 877-VERTICAL (877-837-8422) or visit [www.vertical.com](http://www.vertical.com)