



Introducing IE 5000/DELL

Combining Beeper's advanced SD-WAN Software with a DELL Hardware platform

Overview

IE 5000/DELL, together with AC80xxx/DELL

is Beeper's next generation wireless SD-WAN multi-channel cellular bonder. It is a highly-reliable, cost effective, and secure edge/access networking communications device. It delivers enterprise-class wireless transport and security over diverse public wireless infrastructure (3G/4G/LTE cellular networks).

Combining best of breed technology from two leaders in their fields, IE 5000/DELL is based on Beeper's unique SD-WAN software, integrated into DELL's Embedded Box PC as the ultimately rugged Hardware Platform, together with Dell PowerEdge Servers.

IE 5000/DELL, with Beeper's advanced SD-WAN solution, is a multi-platform, which provides superior connectivity for hybrid networks from cellular and/or satellite links, transport and more. Its software is driven by wireless load-balanced edge-connectivity, link aggregation, bonding and resiliency, to create a robust SD-WAN backbone that utilizes advanced data and predictive analytics, machine learning and artificial intelligence – all in a highly cost-effective solution.

Providing high performance intelligent connectivity, it supports network-as-a-service via secure tunnels through client-provided broadband connections. IE 5000/DELL delivers a complete managed broadband solution that marries Internet connectivity with proactive monitoring.

IE 5000/DELL's evolving SD-WAN solution enables organizations to:

- Use Internet to augment MPLS through any form of connectivity
- Switch between carriers and mix-n-match connectivity options
- Simplify branch connectivity for quick and secure deployment
- Improve overall network performance
- Increase employee satisfaction with unparalleled performance
- Significantly reduce WAN infrastructure costs - up to 90%!

Additional important features include:

- Multiple interactions from stationary or mobile devices in the field, in the absence of network infrastructure, for remote offices/branch offices (ROBOs)
- One-on-one remote contact
- Streaming video to a group of participants
- Access to public or private networks
- Remote management capabilities
- One-off or regular connectivity events
- Flexible networking services for any enterprise network need, without having to upgrade any existing infrastructures



In a comprehensive solution, IE 5000/DELL supports offloading and end-to-end control over the wireless network for both small and large enterprise environments. Its highly scalable access controllers synchronize to seamlessly optimize wireless network traffic and to offload 3G/4G mobile users' traffic. At many locations, this solution is a more cost-effective access method for fixed and mobile broadband.

With a rich array of features and capabilities, IE 5000/DELL enables Digital Transformation for a range of users from business, to education, public safety, and transportation:

Resilience & Redundancy for Extreme Reliability

Seamless failover provides inherent redundancy and extreme reliability.

Edge Connectivity, Wireless Network Diversity and Interoperability

Backwards compatibility unifies multiple generations of technologies for optimum communications and network/device interoperability.

Network Security through Dynamic Transmission of Voice/Video/Data

A dynamic and intelligent technique provides unmatched security.



Beeper on Dell Embedded Box PC



Agile Network Management, Virtualization and Cloud Connectivity Enabling Predictive Edge Analytics

Pushing the analytics to the edge of the network greatly increases speed and ability of valuable next generation tools and technologies.

Mobile and Agile

Beeper's IE5000/DELL provides both portability and mobility. Any device or technology running on the platform has agile, instant ad-hoc high capacity broadband connection and is immediately operational.

