



## Combining All the Best Features in Communication Technology

	DSL or Cable	WISP (not using CONXX architecture)	Mesh (not using CONXX architecture)	Cellular	LEC fiber or copper (no wireless)	CONXX Architecture and Software Suite
<b>Broadband Access</b>						
WiFi Hotspots (802.11)		☐	☐	☐		☐
Multiple ISP Hot Spots			☐			☐
Internet access	☐	☐	☐	☐	☐	☐
Up to 1 Mbs	☐	☐	☐	☐	☐	☐
Up to 7 Mbs	☐		☐	☐	☐	☐
Up to 25 Mbs					☐	☐
Multiple simultaneous ISP's	☐		☐			☐
Symmetrical Up/Down at all speeds					☐	☐
Metropolitan Ethernet Networks					☐	☐
Scalable				☐	☐	☐
99.999% reliability					☐	☐
Latency under 20 ms					☐	☐
Packet loss under ½%					☐	☐
End-to-end Quality of Service (QOS) across the entire network					☐	☐
End-to-end AES encryption on EVERY packet						☐
IP Video (Video conferencing, surveillance, etc.)	☐	☐	☐	☐	☐	☐
IPTV	☐					☐
Isochronous (required for high-quality video / VoIP delivery)					☐	☐
Hardware agnostic						☐
Secure, prioritized traffic for law enforcement and first responders						☐
Secure mobile wireless IP today						☐
Architecture for Open Access						☐
VLAN tagging end to end						☐
Prioritization by application and/or user						☐
Backbone traffic separation at Layer 2						☐
<b>Traditional Telecommunications</b>						
Traditional voice circuits				☐	☐	☐
T1 / PRI (voice and data)					☐	☐
DS3 / OC1					☐	☐
Frame Relay					☐	☐
DDS (Digital Data Service)					☐	☐
SONET Backbone (Synchronous Optical Network)					☐	☐
ATM (Asynchronous Transfer Mode)					☐	☐
MPLS (Multi Protocol Label Switching)					☐	☐
SHARP (Self Healing Alternate Route Protection)					☐	☐
CALEA compliant (Communications Assistance for Law Enforcement Act)				☐	☐	☐
SCADA (communications for monitoring remote utility / public infrastructure services)		☐		☐	☐	☐
<b>Management</b>						
End-to-end 24/7 monitoring with comprehensive alerts			☐	☐	☐	☐
Complete diagnostics			☐	☐	☐	☐
Complete fault tolerance						☐
Historical management and reporting			☐	☐	☐	☐
100% intrusion detection and alarming						☐
Programmable alerting						☐
Trend forecasting						☐
End-to-end "real time" monitoring, testing and management from any browser						☐
Customer transparency						☐
Customer configuration and control						☐
Environmental controls					☐	☐