

DASAN Zhone Solutions

ZNID-GPON certified with OmniPCX Enterprise™



Interop testing between ZNID Network Extenders (ONT) and the Alcatel-Lucent IP PBX allows integrators to deploy combined solutions with confidence. Critical voice services can be easily deployed using these components in the same network design.

Integration Overview:

Testing completed for

- ZNID Network Extenders ZNID-GPON-2648P,
- ZNID-GPON-2424A and
- ZNID-GPON-2424A1.

These network extenders are GPON Optical Network Terminals (ONT) with either 4 POTS voice ports on the ZNID-GPON-2648P and 2 POTS voice ports on the ZNID-GPON-2424A and ZNID-GPON-2424A1.

Each Network Extender has a SIP voice IP address and connects to the OmniPCX Enterprise for signaling and call completion.

Integration Details:

- SIP (RFC 3261)
- DTMF dialing
- 5 REN per line
- Echo cancellation
- Voice Activity Detection and Comfort Noise Insertion
- Caller ID, Call Waiting, Call Forwarding, Call Transfer, Three Way Calling, Distinctive Ringing
- DHCP client or static IP configuration
- Full control and integration using either the DZS Unified Service Provisioning or ACS TR-069 approaches

For technical support, contact:

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Technical Details:

Environment	
Partner	ALE
<ul style="list-style-type: none">• ONT 2xxx	<ul style="list-style-type: none">• OmniPCX EnterpriseR12.2™
Supported APIs/Protocols	
<ul style="list-style-type: none">• SIP	

Company Overview:

DZS is at the forefront of the new connected world. Consumption in homes and businesses continues to grow, driving strong market demand for ultra high speed broadband internet access across fiber, copper, wifi and mobile networks. We take pride in our role as a global leader in broadband and mobile, offering innovative solutions on highly reliable platforms that deliver the most positive broadband connection experience today and into the future



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