Alcatel-Lucent OmniPCX Open Gateway

Open Platform and Interfaces for developers

Easily integrate business communications into your applications or processes with Alcatel-Lucent OmniPCX® Open Gateway. Developers access OmniPCX Enterprise Communication Server capabilities, including call control, management, call center and analytics using industry standard REST APIs.

OmniPCX Open Gateway (O2G) provides a set of Application Programming Interfaces (APIs) allowing applications and business processes to integrate with OmniPCX Enterprise Communication Server (OXE) and deliver added-value and mission critical services tailored to the business needs.

Developers who are members of the Alcatel-Lucent Enterprise Developer and Solution Partner Program (DSPP), benefit from O2G documentation, how-to guides, sandboxes, access to technical support and can certify their applications.

Features	Benefits
Advanced call control APIs: Call-control, directory search, routing, communication log, messaging, event, phone-set programming, and more.	Offer OmniPCX Enterprise communications services with your business applications or processes and provide telephony services like click-to-call, visual voice mail, routing manager, screen-popup, and more.
Management APIs: System, users, devices, full data model, files, remote commands.	Provision, configure and manage completely your communication server to create inventory reports, automated users, groups creation, trunk configuration, desk sharing automation, and more.
Analytics APIs: Inventory, performance, metering, and Open Data.	Analyze communication use and performance though unlimited access to CS generated data such as proactive incident management, call consumption, performance monitoring, and more.
Call Center APIs: Agents.	Request services for your OmniPCX Enterprise Call Center Agents.

Technical specifications

Main characteristics

- Support VMWare 6.5 and higher virtualized environments
- Linux – OS Suse delivered
- Quick and easy installation
  - ¬ ~ 15 min for Operating System (OS)
  - ¬ ~ 3 min for O2G application
- Utility tools: Back-up, Re-host, Check, Traces

- High Availability - Active-Standby mode
- X509 Certificate based secure applicative access
- REST API design standard

Supported Call Server

- OmniPCX Enterprise from release 11.2 onwards
- Up to 40 OmniPCX Enterprise in ABC-F network

- Support of OmniPCX Enterprise in HA (main/backup)

Limits

- 100,000 Communication Server users
- VM size for 100,000 users
  - ¬ 4 cores @2GHz
  - ¬ 200 GB storage
  - ¬ 4 GB RAM

Contact your ALE representative and go on our website for further details.

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