Dialogic® PowerVille™ CC - Cloud Centrex

Dialogic's PowerVille CC - Cloud Centrex is a carrier-class solution hosted in a cloud environment, enabling network operators to offer hosted PBX and SIP trunking services to their business customers while also offering basic and advanced Class 5 services to their residential customers. As reliability, security, and cost-efficiency of cloud- based services continue to rise, more and more businesses are turning to the cloud for their needs; and communications is no exception. This rapidly growing trend, combined with their infrastructure, puts network operators in a sweet spot to offer Communications-as-a-Service to their business customers, while also offering feature-rich services to their residential customers.

As part of the Dialogic® PowerVille™ Enterprise Services Suite (ESS), a suite of services for network operators to offer communications services to their subscriber base, PowerVille CC can offer features including unified messaging, destination policy control, visual interactive voice response, hosted contact centers, outbound SMS & calling, and more.

Features	Benefits
Self-care web management portal	Enables subscribers to configure their own services
SIP application server	Designed for mobile, fixed, IPTV, and broadband network operators
Highly scalable design	Supports 100 to 100,000+ concurrent calls and up to five million subscribers
Full supports of ATAs & ONTs	Facilitates CPE for legacy equipment or use cases
Telecom application server (TAS)	Enables centralized configuration, remote access, monitoring, reporting, SCE, and more
Supports enterprise/residential, SIP trunking, and hosted PBX services	Compatible with a wide range of carrier services

Subscriber Control

PowerVille CC business and residential services provide a converged service environment and enhance the traditional telecom architecture by enabling a self-services component to the enterprise and residential subscriber. Through the secured web, PowerVille CC services provide user configuration and control via a web-based portal that enhances basic phone functionality to make services like multi-device ringing, conference calling, call move, and call forwarding easier to manage and new services simpler to deploy. For example, with a simple click on a web page, subscribers can choose to forward calls to their mobile phones or have a call ring on all of their assigned numbers.

Geographic Redundancy and High Availability

To meet the demands of competitive service level agreements, today's network operators need highly reliable solutions. PowerVille CC and its service delivery platform (SDP) were designed from the ground up, to provide carrier-class availability with commercial reliability in the field. PowerVille CC offers full network element redundancy, allowing for deployment in a geographically redundant configuration.

Capacity and Scalability

Because PowerVille CC runs on commercial off-the-shelf (COTS) hardware and operating system platforms, network operators can readily take advantage of growing industry trends in hardware capacity. The PowerVille CC's SDP and all of its services scale horizontally, allowing for increased capacity by simply adding additional network elements. For example, for more subscriber capacity, application servers are added to the network; and for more media ports, media servers can be added.

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