

## Dialogic® PowerVille™ VC - Video Conferencing

Dialogic's PowerVille VC - Video Conferencing is a complete wideband/HD audio and HD video conferencing platform that seamlessly integrates with existing mobile/3G/4G (LTE) and IP/IMS converged networks, and is device-agnostic for maximizing market penetration. Supporting VGA, 720p with H.264, VP8, and VP9, PowerVille VC incorporates the power of WebRTC, making video conferencing available to virtually anyone using a website, addressing the "any device" challenge



Features	Benefits
<b>WebRTC Support</b>	Facilitates conferencing from a wide range of devices and locations
<b>Browser-based conferencing</b>	Eliminates need for telephone dial-in numbers, expensive phone lines and hard-to-remember DTMF conference commands
<b>Support for 3G/4G (LTE) and SIP Networks</b>	Broad network compatibility
<b>Voice Activated Switching and Continuous Presence</b>	Allows active speaker to be heard; avoids clipped sentences
<b>Lecture Mode</b>	Improves one-to-many experience; well suited to educational presentations
<b>Scheduled, Permanent, and Instant Conferences</b>	Flexible scheduling tools allow pre-planned and ad-hoc conferences
<b>Web-Based Provisioning and Management</b>	Accelerates installation and management from either local or remote locations

## Overview

Dialogic® PowerVille™ VC is available in various configurations depending on capacity and network requirements. Its support for multiple video-enabled media servers on SIP and 3G/4G (LTE) networks allows for the utilization of the latest technologies. Additionally, voice-activated switching and Continuous Presence are supported.

With voice-activated switching, callers see a real-time video stream of the active speaker, which is particularly beneficial for mobile handsets due to their limited screen size. Continuous Presence shows multiple sites continuously and supports multiple real-time video streams within a multi-pane display.

## Management, Provisioning and Service Creation

PowerVille VC Video Conferencing includes browser-based management and provisioning portals, which can be customized for private-label purposes. Some of the core functionalities of these portals include, creating Conferences and reserving resources, e-mailing or texting (via SMS) notification of the Conference to invited participants, sending attachments with the invitations, listing all scheduled Conferences, selecting video layouts, as well as modifying Conference parameters (e.g. time or number of participants, cancelling Conferences), with the option of sending updates via e-mail or SMS.

With an advanced Service Creation Environment (SCE), new Conferencing applications can be quickly developed and existing ones easily modified, making it a crucial tool for Network Operators and VASPs.

The Conferencing-specific Palette and its Command Icons address tasks such as, reading information from the file/database generated by the provisioning interface and validating the Conference ID, checking the availability of Conference resources, playing the participant names as they join, and setting/getting participant attributes (i.e., receive only, coach, pupil).

## WebRTC and PowerVille VC

The PowerVille VC Video Conferencing solution incorporates the power of WebRTC to facilitate access to the camera and microphone in web browsers. This eliminates proprietary interfaces and, in turn, makes video conferencing easily available to anyone using a website, further enhancing customer experience.

With WebRTC, video conferencing can significantly enhance customer engagements on websites, as visitors need only click a button to call or video chat with a call center agent immediately, without having to worry about configuring clients.

As real time communication is an integral part of PowerVille VC, businesses have many new ways to communicate with their customers, employees and other companies. For example, someone sitting at his/her desk can video call a co-worker with a browser-to-browser connection, as the call no longer needs to route through the phone system, so calls could require fewer hops. The “wow factor” of WebRTC is its ability to allow easier online communications between multiple people at once.



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