

# Dialogic® Vision™ 1000 Video SCE

Technology Brief

Service Creation and Execution Environment for Voice and Video Applications Featuring Vicorp xMP

Based on the full-featured and carrier-ready Vision™ 1000 Video Server, the Dialogic® Vision™ 1000 Video SCE [Service Creation and Execution Environment] incorporates the drag-and-drop GUI design and runtime environment of Vicorp xMP. xMP is an open standard VoiceXML SCE that separates the core application code from prompting and branding. Dialogic Vision 1000 Video Server with Vicorp xMP enables rapid creation, management, and deployment of enhanced voice and video multimedia services.

## Build Applications for Customer Care and Mobile Services

The heritage of interactive voice services is a rich history of well-known applications, automating customer care operations, and enabling cost-effective self-service. With the widespread emergence of video capability over the internet and on mobile phones, customer care and self-service applications are being upgraded to enrich the customer experience with video, and the Vision 1000 Video SCE is well suited as a platform for building these applications.

Deployment of 3G cellular technology throughout the world, combined with the increasing challenge of growing revenue from traditional voice services, has encouraged mobile operators to seek new revenue growth from innovative services. Application developers are responding with a broad range of creative new services intended to strengthen the operator's relationship with the mobile subscriber and expand revenue. For these applications, the carrier-ready Vision 1000 Video SCE makes for a fast start and convenient deployment.

## A Suite of Powerful Tools

xMP is comprised of several major components that together form a rich design and operational environment for multimedia applications, making it easier for multiple people to work on complex projects, and to allow safe and controlled changes to a production service. xMP components include:

- xMP Director** Graphical user interface (GUI) drag-and-drop tool for creating business logic
- xMP Studio** Content management and configuration, including prompts and grammars
- xMP Console** Web-based tool for deploying and managing services, with dynamic prompt changing
- xMP Reporter** Detailed call-flow reporting and analytics by application
- xMP Runtime** Service execution, operating on open-standards Java EE platform

## An Efficient Way to Build Applications

By having an intuitive drag-and-drop GUI design environment, the Vision 1000 Video SCE makes the creation of new services fast and easy without the need for detailed VoiceXML skills. Once components are developed and proven, these trusted components can be conveniently reused across multiple services. The "Dynamic Prompts" feature allows changes in a live service to be made in real-time.

Because the Vision 1000 Video SCE is a multi-tenant environment, resources can be shared across different application developers or business units, with secure partitions providing independent access and controls. The secure partitions approach is useful for operators who want to host services for a mobile virtual network operator (MVNO).

The architecture of the Vision 1000 Video SCE is scalable and expandable without interrupting service, providing a high availability solution that is cost-effective because it is based on off-the-shelf equipment.

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## Reporting

Call Detail Records are available at the telephony level and VoiceXML level from the Vision 1000 Video Server, and at the application level from Vicorp xMP where information available to the application can be reported on.

The xMP Console provides the real-time reporting of calls in progress and logging of analytical information.

The xMP Reporter module provides a range of metrics, such as average call duration, call duration distribution, call volume, and call completion rate. Analytical information about the interactions between the caller and the service is configurable in the reports, and service operators can design their own reports using standard business reporting tools.

## Platform Specifics

The xMP Runtime environment and management console is designed to operate over any Java EE compliant application server, and as of publication of this document has been certified against IBM Websphere, Oracle WebLogic, and GlassFish, and Red Hat JBoss. The Eclipse integrated design environment is provided with xMP.

## Many Signaling Options

Non-SS7 protocols SIP-I, ISDN, and SIP are fully integrated into every Vision 1000 Video Server, allowing the maximum density of 480 audio sessions or 240 video sessions per 1U server.

SS7 protocols are available integrated into the Vision 1000 Video Server. Supported protocols include ISUP, SIGTRAN, and BICC. Integrated SS7 capability results in a media density of 240 audio sessions or 120 video sessions for that Vision 1000 Video Server.

## For More Information

The Vision 1000 Video SCE is one of the Dialogic® Vision™ Products. For detailed information on [currently available Vision Products](#), visit the Dialogic website or [contact](#) your local Dialogic representative.

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## Order Information

The following parts for Vision 1000 Video SCE are available:

Part Number	# Video Ports	Description
VPA-206-060	60	Video SCE, Minimum Configuration, AC
VPA-206-240	240	Video SCE, Maximum Capacity, AC
VPD-206-060	60	Video SCE, Minimum Configuration, DC
VPD-206-240	240	Video SCE, Maximum Capacity, DC
VPA-206-000	30	Video SCE, Developer Unit
VPA-002-000	N/A	Video SCE, Spare Hardware, AC
VPD-002-000	N/A	Video SCE, Spare Hardware, DC

## Capacity and Feature Expansion Licenses

Activation licenses are also available in 30-port increments to expand features or capacity, up to the supported port limit, even if the integrated systems are fully deployed and operational.

An “integrated” license (VLI) is installed on the Vision 1000 Video SCE at the factory prior to shipment. An “upgrade” license (VLU) can be posted to Dialogic’s online license activation for field upgrade site later.

The following capacity and feature activation licenses are available:

Part Number	Feature License
VLI-206-030	Video SCE Integrated License
VLU-206-030	Video SCE Upgrade License
VLU-029-030	Video Transcoder License
VLU-017-030	G.723 Audio Codec License
VLU-018-030	G.729 Audio Codec License
VLU-032-240	Developer 60-day Full Capacity License



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