PRYSM®

Prysm Application Suite

The Prysm Application Suite provides the user interface and collaboration capabilities offered in the Prysm Visual Workplace Solutions series of video walls and displays. Present, share, move, resize and annotate all types of content through on-screen touch, PCs or mobile devices. Simultaneously display and interact with multiple live inputs including video, telepresence and web apps. Configurable projects and workspaces allow teams to share the use of a Prysm Visual Workplace with other groups, save their work between sessions and pick up where they left off, when they next meet.

The Prysm Application Suite connects to a multitenant or dedicated Prysm Cloud to store and mirror content to geographically distributed teams for simultaneous collaboration. The Application Suite integrates with customers' existing collaboration applications and infrastructure to deliver higher returns on IT and facility investments.

The Prysm Application Suite runs on the application appliance. The application appliance takes AV input from multiple content sources and provides local storage, network connectivity and AV output to a Prysm Visual Workplace Solution.

For more information, contact us at sales@prysm.com, +1.408.586.1178 or 1.877.99.PRYSM.

Content Organization Features

▶ **Projects and Workspaces** – Collaboration is accomplished through projects and its associated workspaces. Workspace content and layout is actively saved for future use and review.

▶ **Dynamic Layout** – Choose to freely move, place and resize content anywhere in the workspace.

▶ **Snap Grids** – Organize content into predefined locations in the workspace via snap grids to easily identify and use content.

▶ **Media and File Storage** – Store common enterprise media objects and file types on the application appliance or Prysm Cloud.

Content Collaboration Features

▶ **Real-time, Multi-site Collaboration** – All media objects uploaded to the Prysm Cloud are available for collaboration by up to 10 Prysm Visual Workplace Solutions. Changes to the workspace content by any user is replicated and synchronized across all other users in the workspace.

  • Follow Me Mode – Ensures that all interactions by host are presented to every participant, including workspace transitions. Prysm Visual Workplace Solutions of different aspect ratios will pan if needed to display the latest active content.

  • Participant Panel – Easily identify workspaces in use and the names of each active participant.

  • Display Synchronization – Workspaces are accurately rendered to fit the various aspect ratios of a users display.

▶ **Markup and Annotation** – Choose from multiple pen colors and stroke widths to annotate any file-based media, browser or live source and save it for future reference.

▶ **Snapshot and Share**[1] – Duplicate and save the active image of the displayed content with the snapshot tool. Email the duplicated image with the share tool via on-screen email.

▶ **Web Browser**[2] – Launch a web browser within the workspace to display and collaborate on web content.

▶ **Whiteboard Text Notes**– Type notes or create freeform drawings using the workspace whiteboard. Add sticky-notes or text anywhere in the workspace.

▶ **On-Screen Keyboard**[3] – Use multiple scalable keyboards.

[1] Snapshots are attached as .png image files to an email and sent through SMTP server.
[2] Supports HTML5, VP9 video, Flash and Silverlight. Web broser plugins are not supported and requires a service agreement.
[3] Use of multiple on-screen keyboards is only available in US-English. Internationalization is offered as an option with a single shared keyboard.

Live Source Integration

Integrate up to 12 live video sources into the Prysm Application Suite. Live video may include teleconferencing feeds, TV signals, media players or in-room PCs. Inputs are handled via HDMI and DVI interfaces or popular third-party wireless solutions.[1]

▸ **Interactive Input Control** – An in-room PC connected directly to the application appliance can be controlled (via touch or mouse) directly from the Prysm display.

▸ **Video Teleconference** – Codecs from Cisco, Polycom and most other brands are supported. A VTC on-screen control panel is available for use with Cisco C and SX series and Polycom Real Presence codecs.

▸ **HDCP** – Not supported.

▸ **Apple TV** – Non-copy-protected content can be streamed.

Security and Administration Features

Securely manage user accounts and settings from any location through a user friendly administration web portal.

▸ **Data Encryption** – Enterprise grade SSL encryption is leveraged for all platform communication between endpoints and the Prysm Cloud or server.

▸ **User Authentication and Account Permissions** – Protect confidential account settings, projects, workspaces and content with user authentication and access level administration.

▸ **Settings Profiles and UI Customizations** – Unique settings profiles are created for each Prysm Visual Workplace Solution

to ensure the user experience meets the requirements set forth by the user. Profile settings include option enablement and live source configuration.

▸ **Internationalization** – The on-screen keyboard and UI is available in a limited number of worldwide languages.

Upgrade Options[2]

▸ **Prysm Remote Touch Console**[3] – Control a Prysm Visual Workplace Solution using the mirroring capabilities of the Prysm Application Suite from a tabletop console. Stage, preview, and present content without touching the display.

▸ **Broadcast Zone** – Broadcast selected regions of your workspace for output as VTC content to an external codec or with optional support for Skype for Business™.

▸ **Support for Skype for Business™** – Enable Skype for Business™ video and chat features.[4]

▸ **Remote Desktop Integration**[1] – Industry standard remote desktop software is leveraged to support the display of remote PCs that can be controlled directly from the Prysm display.

▸ **Microsoft Active Directory** – User authentication, presentation of network resources (file servers, printers, etc.) and remote administration of the application appliance.

▸ **Custom Integration** – Integration of 3rd party control systems (via telnet or socket-based APIs), wireless devices and of web browser plugins is possible.

[1] Live sources and remote desktop connections (RDP or VNC) cannot be mirrored.
[2] Some options may require a Prysm professional services agreement and/or specific software versions. Contact Prysm for details.
[3] Refer to Prysm Remote Touch Console specification sheet (PN 552-00047-00) for additional information.
[4] Skype for Business™ requires Broadcast Zone enablement and cannot be operated in parallel with an external VTC codec.

Application Appliance Technical Specifications

Visual Workplace Solution Application Appliances	Prysm 98, 85, 85 Dual, 65, 65 Core and Prysm RTC Executive	Prysm 190 , Prysm 117 and Prysm RTC Auditorium	Prysm Custom
Video Output/GPU Max DP Resolution	1 GPU, 4x Mini DisplayPort 1.2 3840 × 2160 @ 60 Hz (NVIDIA® Quadro® K1200)	max 2 GPUs[1], up to 8x DisplayPort 1.2 4096 × 2160 @ 60 Hz (NVIDIA® Quadro® M4000)	max 3 GPUs[1], up to 12x DisplayPort 1.2 4096 × 2160 @ 60 Hz (NVIDIA® Quadro® M4000)
Video Capture/Input	2 cards, 4x HDMI 1.4a (1080p)	max 3 cards, up to 12x HDMI 1.4a (1080p)	max 4 cards, up to 12x HDMI 1.4a (1080p)
Audio[2]	3.5 mm analog TRS	3.5 mm analog TRS	3.5 mm analog TRS
Processor(s)	Intel® Xeon E3	Intel® Xeon E5	Two Intel® Xeon E5
Storage	Single 256 GB SSD	Dual 256 GB SSD (RAID1)	Dual 256 GB SSD (RAID1)
Dimensions (W × H × D)	13.3 × 3.6 × 15.1 in 337 × 100 × 384 mm	17.0 × 6.7 × 17.5 in 432 × 169 × 445 mm	17.5 × 8.0 × 20.7 in 446 × 203 × 526 mm
Weight	15.9 lbs, 7.2 kg	29.8 lbs, 13.5 kg	50.4 lbs, 22.8 kg
Rack	3 U	4 U	5 U
Power Consumption[3] (typical)	130 W	384 W	627 W
Heat Dissipation[3] (typical)	444 BTU/hr	1311 BTU/hr	2142 BTU/hr
Rated Voltage	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC
Temperature (operating)	40 – 95 °F, 5 – 35 °C	40 – 95 °F, 5 – 35 °C	40 – 95 °F, 5 – 35 °C
Humidity (operating)	8 – 85% RH, non condensing	8 – 85% RH, non condensing	8 – 85% RH, non condensing

[1] GPU quanity may vary based on additional broadcast/VTC codec requirements. NVIDIA Quadro Sync card is required for 3 GPUs and/or external (in-house) synchronization.
[2] Audio input from the application appliance is configured with MS Windows audio drivers. Embedded audio from digital video input is output via collaboration appliance with on-screen controls.
[3] Specifications may vary depending on selected configuration.