



VidyoPortal™



One-click to attend your meeting or activate a speed dial. Invite unregistered guests with the click of a button.

VidyoPortal Benefits:

- Accessible & easy to use – web browser based with single-click call initiation
- Provides management capability for users and admins alike – off loads IT without sacrificing control
- Highly scalable – supports hundreds of thousands of users
- Ability to connect with anyone, registered or unregistered, any time using “guest links”

The VidyoPortal is an intuitive web-based environment for accessing the functionality of the VidyoConferencingSM solution. Through the VidyoPortal, administrators can access controls to manage the operational aspects of the VidyoConferencing solution, in addition to configuring and managing the entire VidyoConferencing system and its components.

The VidyoPortal also enables any user with login credentials to initiate reservation-less meetings and point-to-point calls. With VidyoConferencing, every credentialed user has a personal meeting room, and can start a meeting with a single click. Licensed users can browse the directory for other users, invite both credentialed and guest users into their own meeting and control the audio and video of all participants in the room, and create their own quick contact list for additional single-click-to-attend actions.

The ability to invite unregistered “guest” means that anyone who has a computer and a webcam can participate in a Vidyo conference – no administration or special equipment required. Whether you are interviewing a candidate for a position, meeting with a vendor or connecting with a family member while on the road, as a registered user on the VidyoPortal, you can use the “invite” button on the portal to send a hyperlink with invitation text using your default email client to anyone you choose. Or you can use Vidyo’s free Microsoft Outlook plugin to include your guest link directly in your calendar invites, simplifying meeting scheduling.

From its dynamically updated presence icons to the availability of one-click call buttons based upon participant status, the VidyoPortal user interface delivers enhanced ease-of-use for even the most technically challenged members of any organization.

Behind the scenes, the VidyoPortal also manages the VidyoRouter’s™ VidyoLine™ licenses, enabling key deployment features like floating VidyoLine licenses between VidyoRouters and the ability to affiliate groups of users with a specific VidyoRouter pool in the network.

The VidyoPortal appliance has the VidyoRouter software built-in. For deployments requiring 50 simultaneous multipoint connections or less, the VidyoConferencing infrastructure may be deployed as a single appliance. Once a deployment grows beyond 50 concurrent multipoint connections, the VidyoRouter functionality can be disabled in the VidyoPortal and the VidyoRouter can be deployed as a separate appliance.





Empower end users to intuitively establish and control their own Vidyo conferences without IT support

VidyoPortal™

Security is of tantamount importance within the VidyoPortal appliance and associated components. With the secured conferencing option activated, users and administrators access the VidyoPortal through an HTTPS web browser. All the signaling links are secured by TLS. All media streams between call participants are secured through SRTP and encrypted using industry standard AES 128 for the duration of the call.

For service providers and large enterprises, the VidyoPortal optionally supports multiple tenants on a single appliance, providing the flexibility to make each tenant appear as a private entity not visible by other tenants, or enable visibility and communication between specific tenants.

End User Features:

Access

- Secure sign-in from an HTTPS browser, or direct access via VidyoDesktop
- Start a meeting in personal meeting room or join a meeting in another user's room
 - Users with multiple rooms choose which room to control from a drop down menu
- Place a direct call to any user in the system
- Invite registered and unregistered guests to join your meeting using clickable links
- Moderation controls for personal meeting room during a conference
 - Mute/Unmute audio & video of each participant or "Mute All" participants, including room owner and new or rejoining attendees
 - Lock/ unlock room
 - Add participants individually or in groups to conference in progress
 - Invite guest participants via default email client
 - Disconnect individual or all participants from conference
- Define PIN codes for restricted participant meeting access
 - Include optional room PIN code in the invite message
- (Optional) Conference access via PSTN & mobile phones using VidyoVoice™
 - Instructions for inviting voice-only (VidyoVoice) participants are included in the Vidyo meeting invite
- Self explanatory presence icons establish status of another user on the system
- Call setup actions automatically made available, or not available, based upon status of contact
- Signaling links secured through TLS
- SRTP security employed for all video streams
- AES 128 encryption throughout the entire call

Contacts

- Easily search for users by typing a name (or portion of a name) or by typing "*" to browse all
- Manage your own personal "Speed Dial" list
- Leverage your recent call history log to reconnect quickly

Control

- Edit your personal account and set your individual preferences
- Connect new participants into the conference, on the fly, with *Connect* button



Maintain control with
anytime, anywhere admin-
istrative access to your
Vidyo Conferencing system
via the Internet

VidyoPortal™

Administrator Features:

Access

- Sign-in and browse securely as an administrator or operator using optional HTTPS encryption
- Control any meeting users attend without logging in to the Admin Portal

Provisioning

- Create and manage the users of the Vidyo Conferencing system
- Assign users to groups and manage their permissions
- Create and manage the personal and public reservation-less meeting rooms
- Disable a personal room
- Disable the login to the Normal user portal for Operator and Admin
- Create predefined legacy devices (H.323 and SIP based) in Address Book
 - Add legacy device as a new user
 - Call a predefined legacy device from the user portal
- LDAP/Active Directory Support
 - Pass-through Authentication
 - Optional Secure LDAP access
 - LDAP Groups
 - Multi-tenant support
- Additional SNMP (MIB II) enabled elements
- Provides load-balancing and “floating VidyoLine licenses” across multiple VidyoRouters™ which enables:
 - Scalability
 - Redundancy
 - High utilization “follow the sun” deployments
- Event license allows VidyoPortal administrators to increase the number of VidyoLines for a limited period of time, such as an all-day company event
- VidyoRouter Affinity
 - Assign user groups and tenants to VidyoRouter pools to optimize bandwidth utilization and network delay
 - Control access to VidyoRouter pools
- Configure settings for the system as a whole
 - Platform network settings
 - Manage VidyoLine licensing
 - Upload endpoint (VidyoDesktop and VidyoRoom) software for automatic software upgrade
 - View system’s components and clients status
- User specific customization – upload your own logo, modify “contact us” and “about us” info and guest invite message



Multi-tenant capability provides the ability to create multiple virtual Vidyo Conferencing systems on a single 1U device, with full control over which tenants can see and call each other and which cannot

VidyoPortal™

Administrator Features (continued):

Multi-Tenant (Optional)

- Create hundreds of tenants on a single portal and manage each independently of the others
- Configurable inter-tenant communication where desirable
- Assign VidyoRouter resources to specific tenants
- Private labeling per tenant
- Unique URL access per tenant
- Customizable options across all tenants
 - Company logo
 - Unique url
 - Invite text
 - Contact us
 - About us

Maintenance

- View system licenses (VidyoLines, downloads)
- See list of all current calls on one page per tenant on the portal (where applicable)
- Set maximum bandwidth utilization up and down for each subscriber
- Externally accessible Call Detail Reporting (CDR)

Moderation

- Control in-progress meetings - Administrators can control aspects of current meetings as if they were the meeting organizer

Additional Features

- Built-in VidyoRouter functionality for up to 50 HD multi-point VidyoLines in single server deployment (can be disabled for systems over 50 VidyoLines)
- Built-in VidyoProxy software solution for firewall and NAT traversal
- (Optional) Microsoft Office Communicator integration software – enables users to launch Vidyo from inside the Office Communicator client
- Microsoft Outlook plugin for simplified meeting scheduling and invitations
- Host the SQL database on another server instead of the VidyoPortal



Scales to support
hundreds of thousands
of users



▲ Scalability, simplicity and powerful control in 1U package.

VidyoPortal Specifications:

APPLICATION SPECIFICATIONS

CAPACITY

Hundreds of thousands of registered users
Hundreds of tenants

LANGUAGE SUPPORT

English
Finnish
French
German
Italian
Japanese
Korean
Polish
Portuguese
Simplified Chinese
Spanish

OPERATING SYSTEM

Linux-based server appliance

WEB BROWSER SUPPORT

Microsoft Internet Explorer 6, 7, 8
Mozilla Firefox 3
Apple Safari 3, 4
Google Chrome



Secure access using
the same technology
employed by on-line
banking

VidyoPortal Specifications:

PHYSICAL SPECIFICATIONS

DIMENSIONS

Height - 14.96" (380 mm)
Width - 16.92" (430 mm)
Depth - 1.7" (43.4 mm)
Gross Weight - 11 lbs (4.98 kg)
Form Factor - 1U Rackmount

BACK PANEL

Ports

2x RJ45 LAN ports - 100BASE-TX, and 1000BASE-T
1 x External Serial Port
2 x RJ-45 ports
2 x USB2.0 ports
1 x VGA port
1 x PS/2 Keyboard port
1 x PS/2 Mouse port

FRONT PANEL

Buttons

Power On/Off button

LEDs

Power LED
Hard drive activity LED
2x Network activity LEDs
System Overheat LED

Ports

2 x USB2.0 Ports

OPERATING ENVIRONMENT

Non-Operating Temperature

-40° to ~70°C (-40° to 158° F)

Non-Operating Humidity Range

20% to ~90% (non-condensing)

REGULATORY

US/Canada (UL1950-CSA950)
Europe (CE, EN55022 compliance to EU Directive 89
/366/EEC)
Europe (TUV)
US (FCC, CFR47 Part 15, Class A, Class B)
Europe (CE, EN55022 & EN55024)
Australia (C-TICK)
Taiwan (BSMI)
China (CCC)

POWER SUPPLY

INPUT: 100-240v ~, 4-2A, 60-50Hz
OUTPUT: 220w Single Power Supply

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