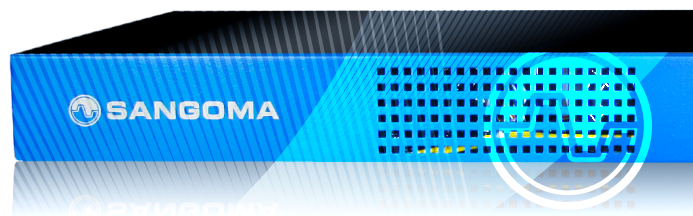




## SIP-based Multipoint Conferencing



FOR ENTERPRISE

### FEATURES

#### ✓ Tested and Proven Interoperability

Tested against wide range of legacy SIP-based endpoints and PBXs

#### ✓ High Quality Voice and Video Processing

Advanced voice/video profiles and quality enhancement algorithms

#### ✓ Quick to Deploy

Pre-configured and standardized RESTful API allows easy integration with existing enterprise PBXs

#### ✓ Audio/Video Conferencing

Support both voice only or voice and video conferences

#### ✓ Multiple Video Layouts

Customized layouts per endpoint

#### ✓ High Capacity Video Conferencing

Up to 16 CIF or 13 VGA conference participants with HD video support

#### ✓ Multiple Conference Bridges

Support of multiple conference rooms with voice and video capabilities

### A LOW-COST AND MANAGEABLE DESKTOP VIDEO CONFERENCING SOLUTION DESIGNED TO EASILY INTEGRATE WITH POPULAR SMB IP-PBX SOLUTIONS

Video conferencing has become a popular service widely used by organizations. Low cost video endpoints, as well as the popularity of smart phones, have made enterprises think about integrating video capacity to their existing communication networks.

Vega Video MCU is a versatile SIP-based multipoint conferencing unit appliance that allows SMBs and SMEs, with multiple locations, to easily add video conferencing capacity to their existing telephony systems. Providing high quality voice and video conferencing in a single platform increases productivity for enterprises and reduces communication and travel costs.

### EASE OF USE

Imagine adding video conferencing capability to your existing PBX in **4 easy steps**:

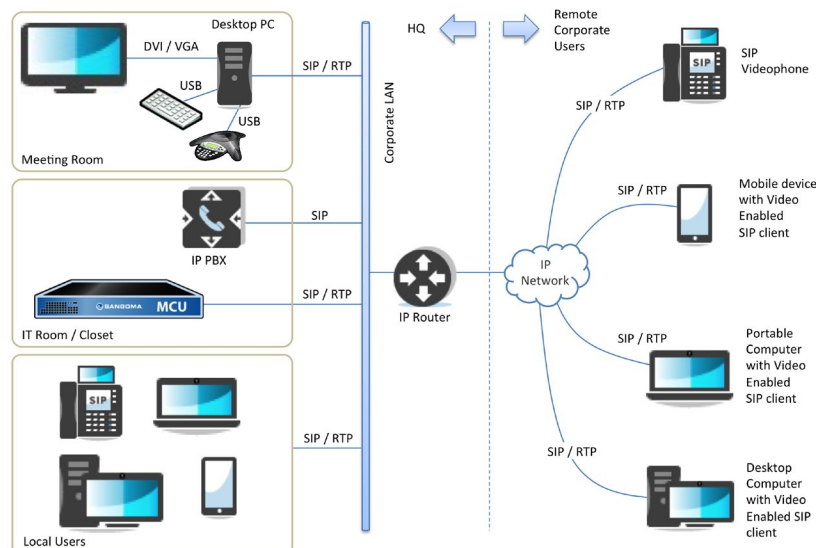
1. Connect Vega Video MCU to your enterprise network
2. Configure IP Address information on MCU
3. Connect to your enterprise IP PBX web interface, query and apply Vega MCU settings
4. Make your first HD video conferencing call from your video IP phone endpoint

### PBX INTEGRATION

Our MCU comes with a standardized RESTful API that PBX administrators can query to get necessary information in order to easily provision video conference rooms their existing PBXs.

### DEDICATED MEDIA PROCESSING HARDWARE

Our MCU has dedicated DSP resources that allow scalability for high density audio and video conferencing.



## TECHNICAL SPECIFICATIONS



### Interfaces:

#### VOIP INTERFACES:

##### SIP

##### Audio codecs:

- |                             |           |
|-----------------------------|-----------|
| • G.711 (a-law/ $\mu$ -law) | • G.729AB |
| • G.726                     | • GSM     |
| • G.723                     | • AMR     |
| • G.722                     | • ILBC    |

##### Video codecs:

- |              |         |
|--------------|---------|
| • H.264      | • H.263 |
| • H.263-1998 |         |

##### Transmission video frame rates:

- |      |      |
|------|------|
| • 15 | • 22 |
| • 20 | • 25 |

##### Video resolutions:

- |         |        |
|---------|--------|
| • SQCIF | • VGA  |
| • QCIF  | • 720p |
| • CIF   |        |

##### Transcoding

##### Trans rating

##### RTP, RTCP

### Features:

#### IDENTIFICATION:

SIP registration & digest authentication

Local registration termination

Remote registration

SIP registration to multiple PBXs

#### CALL QUALITY:

Adaptive jitter removal

Silence suppression

Video frame rate adaptation

Advanced video quality enhancement algorithms

#### HD VIDEO CONFERENCING:

3 available layouts configurable as a per user basis

Voice Activity Switch (VAS) layouts

Specially designed layout for desktop content presentation

N-MOST active speakers layout

Up to 16 video participants in continuous presence within a single conference

Up to 32 audio-only participants within a single conference

#### ENDPOINTS:

Tested with multiple SIP endpoints with video support.

#### OPERATIONS & MAINTENANCE:

HTTP(S) web server

Standardized RESTful API for appliance provisioning

### Hardware:

#### POWER:

60 W universal internal power supply

#### DIMENSIONS:

Standard 1U: 19"(W) x 8.15"(D) x 1.7"(H)

Rack mounting clips included

### Support & Professional Services:

Sangoma engineers are here to support your success. Whether you need technical support and software maintenance, training, consultation and installation services, Sangoma can help you. Contact your Sales representative for more information.

### Warranty:

Standard 12-month warranty is included. Additional warranty services available, contact your Sales representative for more information.

### Ordering Information

SKU	Item Description
MPCU-08	Vega MCU 8-port video conferencing appliance
MPCU-12	Vega MCU 12-port video conferencing appliance

Sangoma is continuously improving its products, features, design, therefore, specifications in this data sheet may be modified without prior notice or obligation.