Global Video Alliance (GVA)

RedCLARA’s Video -conference Service (SIVIC) approach in Latin-American NRENs

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• The SIVIC is a service for coordinating, and delivering video-conference services among Latin-American NRENs. The concept is to deliver a federated service with the same standards and procedures for all participant institutions.
Video-conference service challenges

- Video-conference service scheduling and coordination are complex manual processes.
- Lack of quality/service standardization across different institutions
- The institutions do not manage common policies and procedures video-conference services.
Service model

- One Video-conference Network Operations Center (VNOC) for the region
- Video-conference coordinators (COVI) per administrative domain/institution
- Support is federated
The SIVIC service’s roles

**Video-conference network operations center (VNOC).**
- Videoconference service management
- Shared MCU Resources lookup
- Certification process and policies deployment
- System administration

**Video-conference coordinator (COVI)**
- Room/MCU usage authorization
- End users support
- Room certification
- Resource directory maintenance

**Administration and reservations system (SAR)**
Joining to my institutions

End user

1. I want to join Institution X
2. User John wants to Join X, do you approve?
3. Authorized

SAR system

COVI

VNOC
Main page

Institutions

Schedule a videoconference

My institutions
Step 1: Joining to a community
Joining to my institutions
VC Scheduling

End user

Invited users

SAR system

Authorize room usage?

Authorized

Search MCU

Use MCU x

Authorized

You are invited to the VC x

Reserve VC room

Add VC
New reservation screen

Select institution

Room, with certification level
Accepting the invitation
• Acceptable use Policy
  (Developed by a working group and validated in annual meeting, defines participation rules)

• Certification process

• COVI network

• SAR system
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