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matriXpro Video Wall Controller

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matriXpro

The reality of Command and Control Center is permeated by events and occurrences that carry with them an intense volume of data, which require the combined efforts of many individuals from different fields of action for their solution. Environments equipped with large display panels, whether in a Control Room or in a Meeting Room, present unique technical and operational challenges, which require the use of specialized software and equipment that enable users to extract relevant data and information for the operation or to deliver quality content to their final customers.

Given the complexity and criticality of such tasks, it is extremely important to use a technology that provides a collaborative infrastructure that is flexible enough to support operators in solving all kinds of problems. Vivitek, a brand of Delta, offers with its NovoConnect Solutions a collaboration platform for Command and Control Centers, Meeting rooms and other mission critical facilities. Vivitek provides the software and hardware tools to support flawless communication for such applications.

matriXpro is an intelligent CPU/GPU based video wall controller system. It optimises the performance of the computer and the graphic card and is therefore a smart and trendsetting video wall management software solution.

Hard and Software – System Configuration:



BtO – Server - Hardware



BtO - WorkStation – Hardware

DeltaSmart Solutions, Technology and services

The matriXpro video wall controller technologies deliver the performance and features that are required by demanding professional applications. The matriXpro system incorporates a broad range of sophisticated professional applications, tested by leading Server- and Workstation manufacturers, and backed by a global team of support specialists.

This gives you the peace of mind to manage and control your sources and display the required information on your video wall. This can be done locally or from any other location (free seating). Whether you're developing revolutionary products or telling spectacularly vivid visual stories, matriXpro gives you the performance to do it brilliantly.



Technology

Professional video wall displays and a unique and innovative image management system specially designed for critical environments that demand high availability, reliability and resiliency.



Security

Secure, multi-user platform based on the most stringent security procedures and high levels of encryption, whether in a local network or in remote environments.



Collaboration

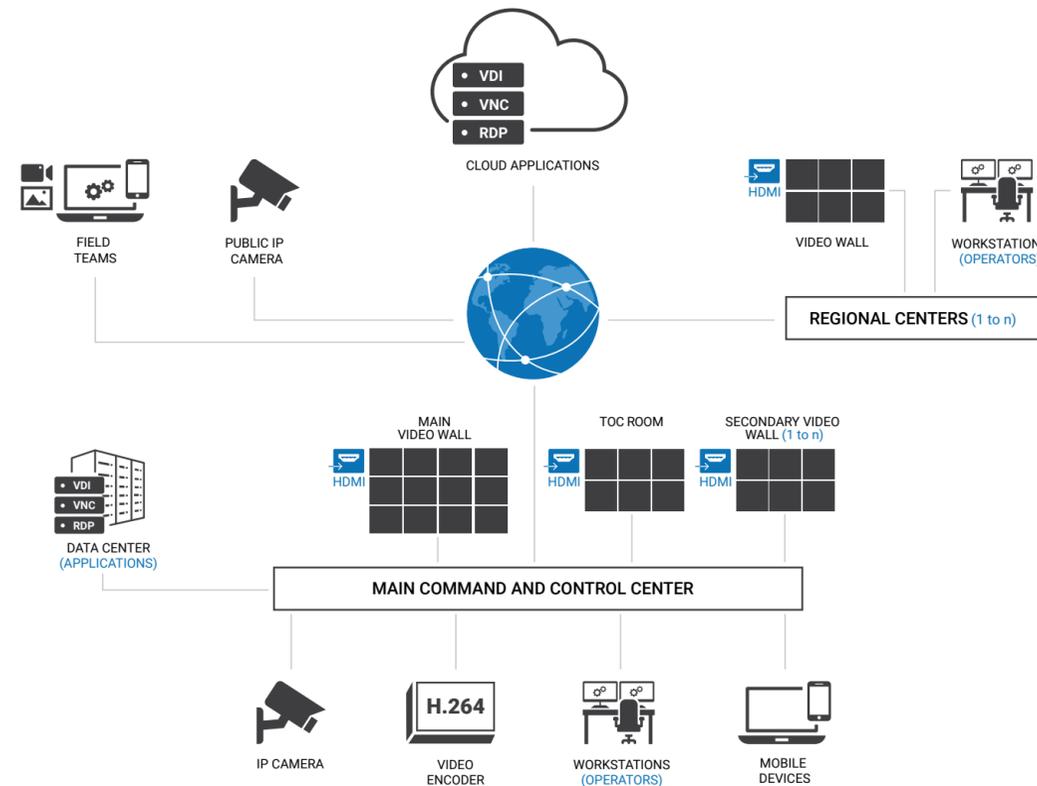
Quick and efficient software tool for data handing in content visualization and distribution panels for users allocated in a Command Center, field teams or commercial display panels.



Mobility

Features that allow collaboration between multiple operators and teams physically distributed in different locations and that work on different aspects of a given event

matriXpro Structure OverView:



Features

- Native integration with Virtual Desktop Infrastructure (VDI)
- Workstation remote control (VNC)
- Integrated Videoconferencing Solution - Multi Vis Conference
- Maps application (GIS) with local rendering
- Screen and applications sharing
- Media Server (Videos, Images and PDFs)
- Compatible with Windows, Linux, Mac, iOS and Android operating systems
- Distributed or centralized hardware architecture
- Single Workspace for entire Video Wall or standalone displays
- Desktop Workspace Splitter
- Smart Pointer - Multiple simultaneous mice on the video wall
- On-screen context menu
- Simple drag&drop operation
- Native Terminal Service over RDP
- Native integration with industry leaders' VMS
- Video streaming decoding (HLS/RTSP/RTP)
- Webview - Integrated Web Browser
- HDMI physical input
- Layouts management
- 100% web based User Interface
- iOS and Android User Interface
- Data Encryption and use of certificates for authentication
- Advanced user and group management (LDAP support)
- 3rd party systems API integration
- Audio server for integration with receiver/amplifier
- Support apps (Clock, Weather Forecast)