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ME multiView Xomnium System Overview

ME MULTIVIEW XOMNIUM IS A POWERFUL VISUALIZATION SYSTEM THAT OFFERS VERSATILE APPLICATION POSSIBILITIES COMBINED WITH THE HIGHEST LEVEL OF SECURITY.

ME multiView X omnium System Overview

ME multiView X omnium - the Intelligent Visualization System

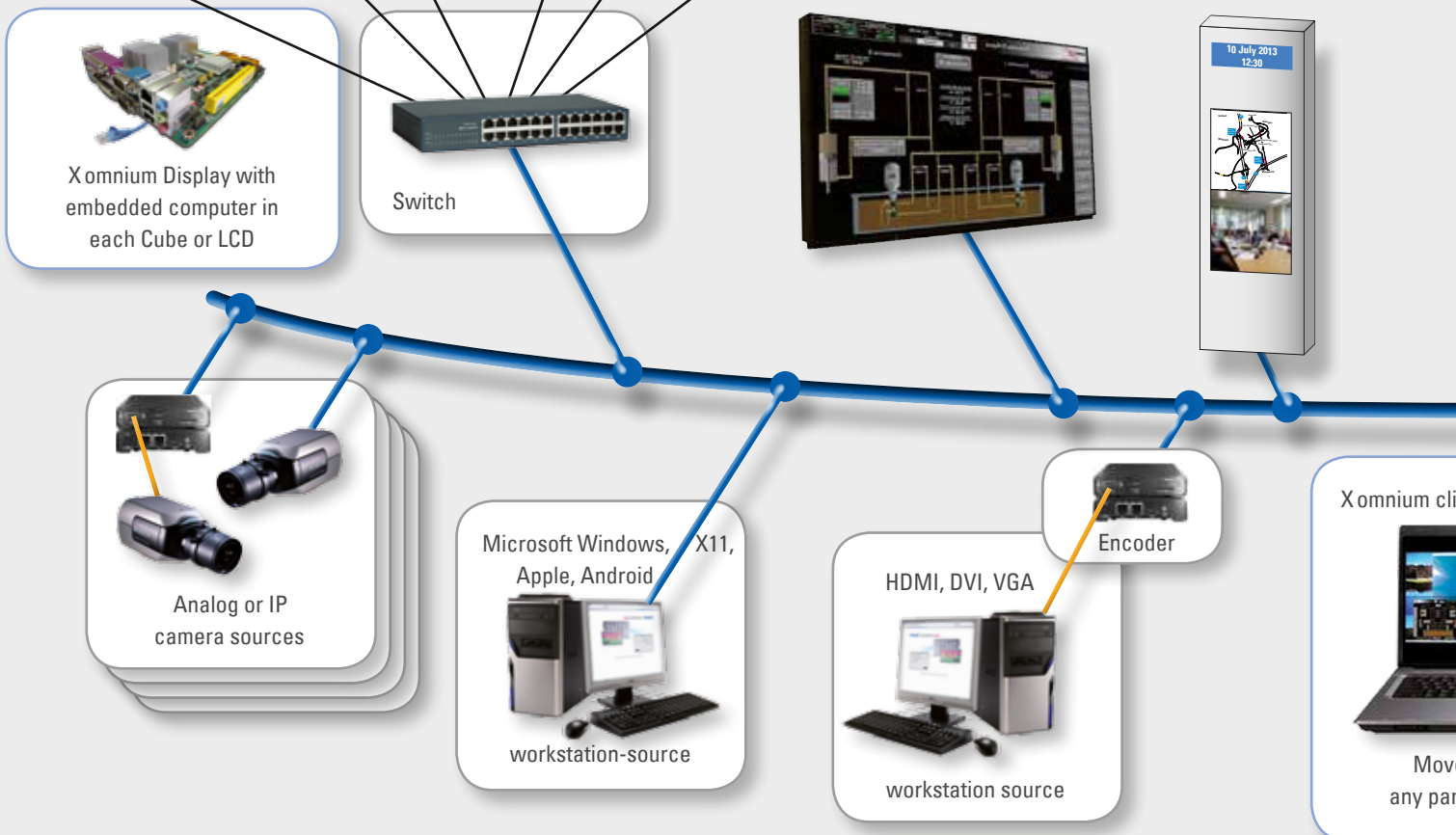
ME multiView X omnium is a powerful visualization system that offers versatile application possibilities combined with the highest level of security. Based on future-oriented technology, ME multiView X omnium provides optimal overview in control rooms, network control centers and data centers, ensuring safe control where timely and consistent information is vital for effective operator intervention. Being IP-based, ME multiView X omnium is universally applicable to display videos, graphics and processes in the way that best suits your visualization needs. The innovative system operates in a decentralized structure with "distributed intelligence".

ME multiView X omnium

- doesn't require a single wall controller or split computer
- is designed as a highly reliable and failsafe system
- offers a decentralized structure
- processes signals from different sources
- captures information directly from IP cameras and DVRs via the native system
- processes information from applications and workstations via TCP / IP
- captures and scales graphic signals
- can be expanded to your needs
- can be easily configured
- is powerful and future-proof

Intelligently Interlinked

Based on the system's decentralized structure, each display unit is equipped with its own computer and interlinked with the other units over the IP network. Traditional components such as single wall controllers or split computers, that would affect the entire system when faulty, are not required in an ME multiView X arrangement. Neither are the master functions fixed on one specific computer only; should the master fail, another unit automatically takes over the master functions so that the system continues to work reliably without any restrictions.



Xomnium Display with embedded computer in each Cube or LCD

Switch

Analog or IP camera sources

Microsoft Windows, X11, Apple, Android workstation-source

workstation-source

HDMI, DVI, VGA workstation source

workstation source

Encoder

Xomnium client

Mov any par

This way, ME multiView X omnium can reduce the break-down risk to a minimum, guaranteeing maximum display reliability.

The system is easy to use and intuitive to operate. Via the Web Client, both the layout and the sequence of the contents sources can be defined and updated at any time from any of the authorized computers. Owing to its web-based design, ME multiView X omnium is extremely flexible and offers multi-functional application possibilities. It is capable, amongst other things, of integrating workstations and mobile gadgets like Smartphones and tablet computers with the operating systems Windows, Apple or Android.

Flexible and Expandable

ME multiView X omnium stands out because of its high degree of flexibility and versatility. It is capable of representing information on any display module, allowing optimal adaptation to the specific display task, and can be easily integrated in decentralized LCD or rear-projection visualization systems. All that is needed is an integrated embedded or external computer with Gigabit IP port. Professional display modules meeting all requirements are part of Bilfinger Mauell product range.

The web-based ME multiView X omnium is a highly adaptable system. Expansion is easy and virtually unlimited due to the fact that each unit adds its own computing power to the system. A system unit can be added by simply integrating it in the network and assigning a data source to it via the system. It is thus possible to operate different video walls on the same platform and display contents at various locations.

Complex Projects Require Complex Security Measures

International Olympic Committee guidelines raise the bar for security measures at the Olympic Games in Rio de Janeiro. The city on the famed Copacabana beach made considerable efforts to guarantee safe games, one example being Rio de Janeiro's operation center COR. ME multiView X omnium is the heart of this control room where security-relevant information from thirty public and private institutions, such as the police, fire brigade, emergency rescue and public health services, highway and traffic management services, converge. The incoming data is monitored and analyzed in real time 24 hours a day. With our flexible ME multiView X omnium system, data from various types of sources can be captured and effectively represented - not only in the control room itself, but at any location.

The Olympic Committee and the Brazilian designers in charge put their trust in Bilfinger Mauell's reliable visualization technology.

ME multiView X omnium, the adaptable, innovative visualization platform based on state-of-the-art technology.



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