

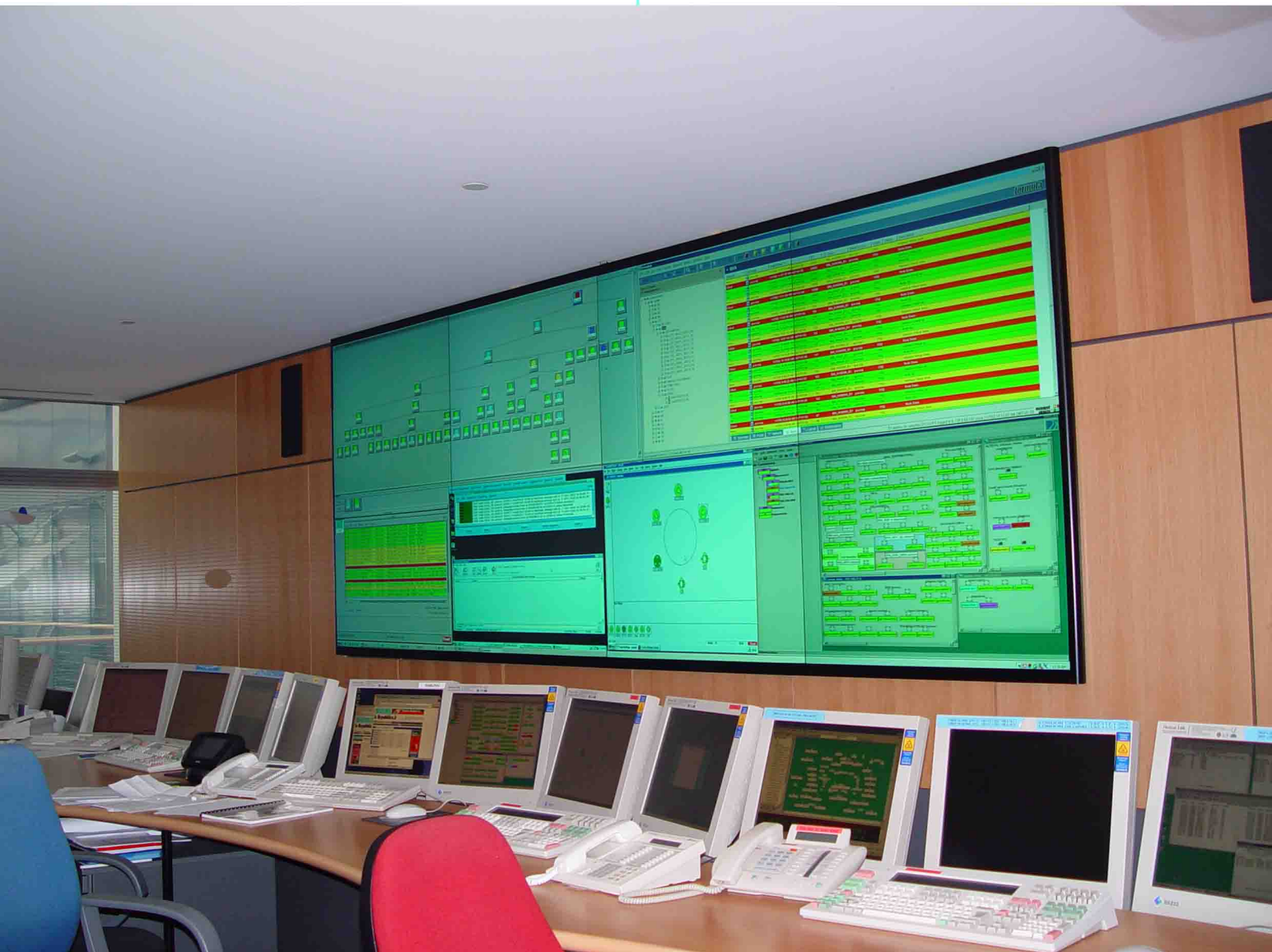
Clearly in control

Reuters

CONTINUITY OF INFORMATION FLOW IS VITAL

systems

Reuters is a global information company providing indispensable information tailored for professionals in the financial services, media and corporate markets. Their information is trusted and drives decision making across the globe. It has a reputation for speed, accuracy and freedom from bias.



secure

" Harps ability to demonstrate and deliver a reliable state of the art system was key to the success of the project. All the information monitored in the NMC comes from different secure networks, Harp delivered a system that did not affect the integrity of those systems but allowed a management overview.

When incidents occur it is a tool we cannot do without."

Gary Canning
IT Operations
Reuters

CASE STUDY

Challenge

Since the financial big bang in the 80's Reuters have acquired and operated a wide selection of computing equipment based on many different operating systems and networks. The output from all this new and legacy equipment has to be maintained and monitored. Harp was commissioned to find a solution that would allow all of the screens to be shown on the video wall without compromising the integrity of the existing system.



An existing old, CRT based display wall was already in place although non operational. This had to be removed before work could commence. Also, the room is in operation 24/7, so the installation had to take place whilst the operations room remained fully functional. Minimum impact was a major problem during the build phase.

Reliability of the system was key. For the system to be used as the central monitoring and alert screen it was essential to have a high availability. The equipment selected would have to reflect how mission critical the display wall is to Reuters operations.

Strategy

Getting the images on to the display wall over the network was considered a non starter as the feeds come from different sources over different networks, each having their own security. The only way to achieve the monitoring overview was to capture the images at video level. This would allow the images to be brought into the video wall using picture-in-picture mode. Various controllers were considered. Each of these controllers was tested with the source workstations, SUN's, DEC alphas, Viewdata, Tandem and DEC mainframes, to ensure that the image would lock. The key was the selection of the wall processor that could simultaneously display 16 digitised screen images in real time.

The selection of the projection technology was somewhat easier. Harp has over 250 50" DLP projectors installed in the UK which have proved to have a high quality image and excellent reliability.

The system was pre-built in Harp's facility prior to shipping to site. This ensured that all the projectors were pre-aligned and colour matched before being installed on to the customers site, thus reducing the time to build and commission the system.

Solution

The processor that performed the best was Jupiter's Fusion 970 which could synchronise to all of the video sources and deliver an uninterrupted supply on all 16 picture-in-picture images. The XGA DLP 50" cube was installed in a 4 by 2 matrix delivering a resolution of 4096 by 1536 pixels. Even with the system placed near to the window the image still appeared clear and punchy. The system build took 3 days which was achieved mainly due to the pre-build stage and by putting the right skills on-site at the right time.



Result

Reuters now have a highly reliable monitoring system that displays images from new and legacy machines. It ensures the operations team are always aware of the state of the network and processes both locally and worldwide.



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