Leading oil consortium choose "Systems" for its control room design

AJS is an Unincorporated Joint Venture (JV) organisation, set up by AMEC Oil and Gas, Jacobs Engineering Netherlands B.V. and Stork Industry Services Netherlands B.V. to deliver the ONEgas Integrated Services Contract (ISC).

systems ASSURANCE
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Executive Summary

With the relocation to their new premises, AJS V.o.F. needed to upgrade their offices to state of the art automated emergency control rooms for their clients, Shell, AMEC, Jacobs and Stork Industry Services Netherlands B.V.

AJS V.o.F being a joint venture with several Oil companies, the remit was to turn normal office rooms in to fully automated emergency control rooms. The rooms needed to be managed with minimum user input, compatible with a wide array of new and legacy equipment and most importantly, fast and reliable.

- Simplified Operation with minimal user input

- 100% compatibility with new and legacy equipment

- Single point of control with ultra-reliability

- Cross compatibility with flexible workers

- Super-fast deployment of emergency AV space

"The project was well executed; at no time did I find either costs spiralling, or dates being pushed back. They are true professionals."

Paul Goulter, Lead Project Engineer
AJS V.o.F.

The Challenges

As AJS V.o.F. represented several companies, differing company infrastructure would be applied once in the room. Varying group policies, access control methods and a multitude of devices all needed to be compatible. The rooms would only ever be called upon in an emergency situation so speed and reliability were at the centre point of design however as AJS represented several entirely different organisations, compatibility was always a key concern.

How we helped

After comparing the various room control systems, we decided that AMX together with iMedia, offered best of breed in this category.

The main concern was compatibility with both new and legacy systems. AMX offered programmable LCD touch screens that allowed us to simplify the user experience regardless of the audio-visual devices being controlled and the IT display equipment that was used as the source. We felt AMX were the leading brand in this field and offered the reassurance to the customer of complete stability and breadth of product range.

What we used

We used the AMX 4.3 Modero Touch Panels and AMX 4x2 All-In-One Presentation Switches all connected to Samsung 75" Screens with Samsung 75" Touch Panel Overlays.

This was all mounted in 18U Timber Veneered Rack Cabinets with Cabinet Loud Speaker Systems. For desktop control we used the iMedia Multimedia Conference Table with AMX Module Support and customised LCD touch panel designs customised for AJS bearing their logo.

The Results

The successful solution was then deployed to all the control rooms without problems due to the simplified Systems Assurance configured LCD display screens.

AJS V.o.F. are now considering a simplified version for their other normal-use offices throughout the company.