

# CNR International Uses Emerson's Technology for Offshore Platform Control of Oil & Gas Operations

## RESULTS

- Minimized production downtime during the retrofitting process
- Cost-effective solution allowing them to maintain their existing installed base during the upgrade
- Improved operational efficiency with real-time data visibility



## APPLICATION

Offshore platform control for Oil & Gas production and operations

## CUSTOMER

CNR International (CNRI)

## CHALLENGE

CNRI had been handling an aging SCADA system that was becoming more difficult to support. When they were trying to schedule project commissioning and/or maintenance, they had limited support and resources that ultimately led to project delays. The impact from not receiving engineering hours to support their existing system led to delays in plant availability and downtime risks that cost CNRI valuable production time and money. Even when CNRI wanted to review potential upgrades for their existing control systems, the difficulty in getting available resources was a challenge in itself.

Due to their aging SCADA system, CNRI had limited access to their production data and this was previously achieved using a standalone OpenBSI package. The OpenBSI package was retrofitted and limited to certain Network3000 controllers that had spare communication ports available to facilitate the required data requested.

*“The versatility and flexibility of Emerson and the OpenEnterprise™ SCADA system allowed us to avoid an entire control system upgrade.”*

CNR International

## SOLUTION

OpenEnterprise SCADA Suite was the system chosen to provide CNRI with the flexible, cost effective, and scalable solution. The upgrade enabled them to maintain their existing installation of Network3000 controllers that led to zero operational downtime. It also opened the path for the aging controllers to be eventually upgraded to ControlWave™ RTUs that will be configured and maintained within a single SCADA host.

Since installing OpenEnterprise, CNRI has seen greater remote access to the essential production data by OPC data access to CNRI's onshore analysis packages. CNRI was attracted by the availability of Emerson engineers who held knowledge of both the existing SCADA system specific to each asset, and OpenEnterprise, which provided both the knowledge and resources for CNRI to utilize during their required SCADA systems upgrades.

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