



A Rockwell Automation Company

ConocoPhillips Canada Ltd. Wembley SCADA System

The Client:

Founded in 1875, Conoco (NYSE:COC) has more than 126 years of experience in the energy industry. A fully integrated energy company, it is involved in every aspect of the oil and natural gas industry, including worldwide exploration, production, transportation, marketing, refining and power.

With the acquisition of Gulf Canada Resources in July 2001, Conoco added more than 1 billion barrels of oil , equivalent (BOE) to its worldwide reserves, which now total 3.7 billion BOE. The company's total worldwide oil production is also expected to increase

to 335 million BOE in 2001.

Conoco's North American liquids production --crude oil, syncrude and natural gas liquids (NGLs) -- will more than double and liquids reserves will more than triple as a result of the Gulf Canada acquisition.

The Wembley Plant currently processes 100mcf/d.

The Requirement:

In order to meet requirements for larger more frequent data requests from the field as well as more reliable and up to date data collection it was decided to replace

the Realflex SCADA host and the Westronic RTUs.

The Design Solution:

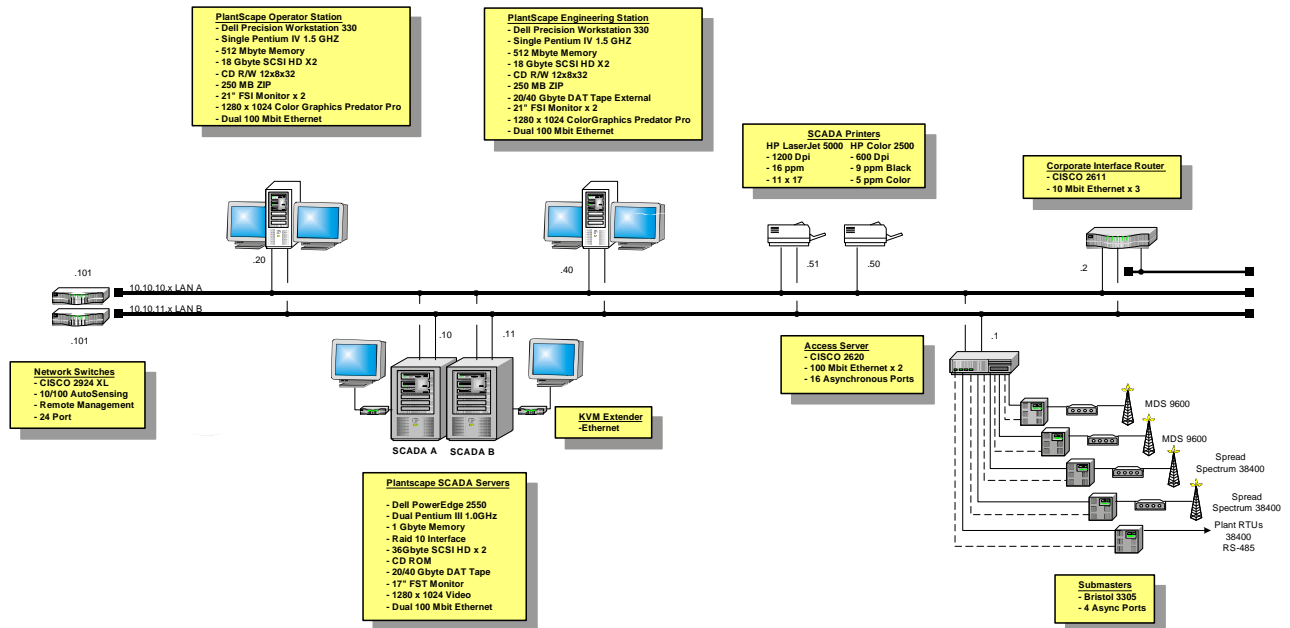
Conoco Canada's Wembley gas field is now controlled by a Honeywell Plantscape SCADA system. The communications to the 50+ Gas wells is accomplished by a new 9600 Baud Licensed radio system for part of the field and a 56k Baud Spread Spectrum system for the rest. The existing RTUS were Westronic and Bristol Babcock. Part of the implementation of the new system involved replacing the Westronic RTUS,

which were obsolete, with Bristol Babcock 3305s. In addition to the Field RTUS we utilized Bristol Babcock 3330 to the in-plant metering with some of the units handling over twenty (20) meter runs.



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System Specifications:

- Plantscape SCADA Host
- 30 Bristol Babcock 3305 RTUs
- Existing Bristol 3330s were upgraded to

enable them to handle the additional metering requirements.

For further information or to contact a Hinz office near you, please check our website at:

www.hinz.com