



# DeltaV Product Information CD

## SUCCESS STORIES

### PDVSA

Picture 1

Home  
Product Data  
Key Technologies  
Success Stories  
News  
Map  
Contact Us

### Venezuela's PDVSA calls on DeltaV for robust, flexible control

The complex production process for PDVSA's 56-well oil field is extraordinarily dynamic and constantly expanding. PDVSA called on Emerson Process Management's DeltaV process system for the robust automation, high-level flexibility and scalability it needed. While quality was a factor, administration and maintenance had to be held to a minimum in order to reduce costs.

#### Continued success

The DeltaV system, with Fisher-Rosemount's **web**→ [PlantWeb](#) architecture and FOUNDATION™ fieldbus technology provides control for liquid gas separation, an air-blown gas cooler, and mist eliminator vessel. Four fieldbus segments connect a DeltaV automation system with **web**→ [Rosemount](#) intelligent level, pressure, and temperature transmitters. What initially had been planned as a small trial installation was so successful that PDVSA began expanding it almost immediately.

#### Bottom Line Benefits

Among the many benefits PDVSA gained from DeltaV and FOUNDATION Fieldbus were:

- Scalability to match a constantly expanding process
- shorter installation (15days compared to five or six months or even longer for traditional solutions)
- faster configuration (almost 20 instruments in only 3 days)
- Better process stability, resulting in less waste and improved regulatory compliance

Picture 2

Says PDVSA's project engineer Manuel Rangel, "Having an integrated operating environment with robust control like the one offered by fieldbus, integrated with PlantWeb, allows you to obtain a stable operation, minimizing deviations in the processes, and therefore minimizing the venting of contaminants into the environment."



