

Two industrial workers wearing white hard hats, safety glasses, and blue work jackets are looking at a tablet together on a refinery site. The background shows complex industrial piping and structures.

## Startup support

Avoid delays in plant start-up involving the expertise of Inprocess' OTS engineers

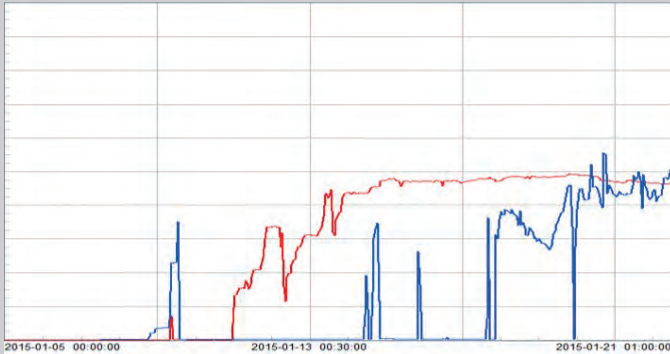
### Benefits

- Have a qualified and trained team ready for start-up
- Shorten start-up time by decreasing the number of start-up attempts
- Reduce losses due to off-spec production

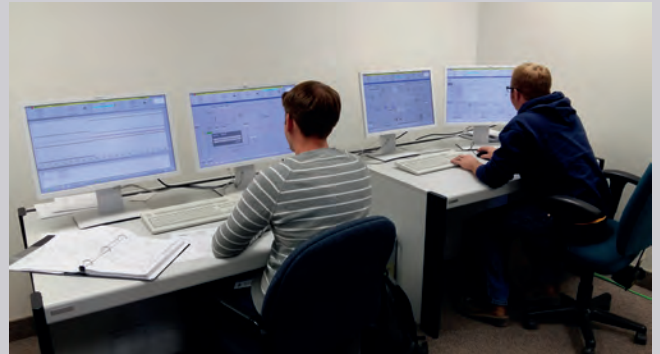
### Functionalities

- Establish the knowledge and know-how requirements for the operations team; design a training program to fill the gaps, and implement it
- Evaluate on-site alternative procedures for start-up
- Troubleshoot potential issues with controllers tuning, alarms settings, start-up procedure, safety system...
- Integrate into a single operations team the control room and the field operators

## Smooth plant start-up with the help of a plant dynamic model



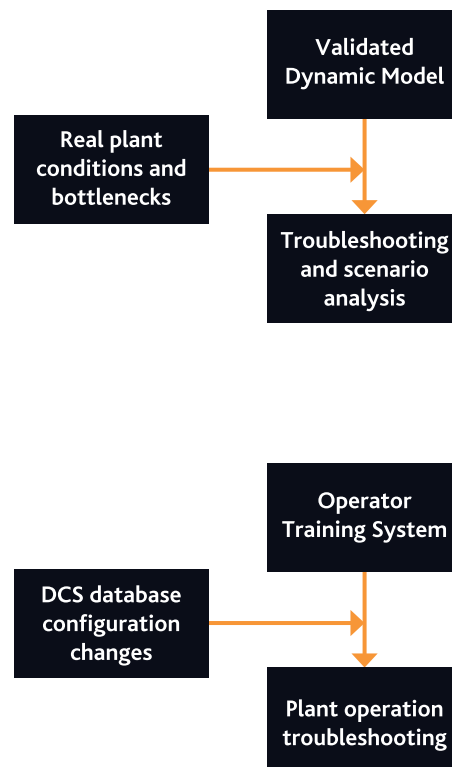
Plant start-up attempts with (red) and without (blue) OTS-trained operators



Troubleshooting plant start-up with the dynamic model

# Startup support

## Workflow Startup support



### Follow-up projects

- As-built model upgrade
- Support to Engineering decisions
- Support to Operations and Maintenance

### Case studies

Scan this code to see our latest case study list.

