

CASE STUDY



How SecurView's ISE Deployment Assistant (IDA) accelerated an existing ISE rollout environment

Context



CRITICAL Infrastructure



A production company in oil & gas had an ISE set up that was inactive and in monitoring mode for two years spanning through a network environment of 13 switches and 4413 ports.

Challenges



The biggest issue was pushing Cisco Mobility client properly onto workstations.



Actions Taken



- After using SecurView's ISE Deployment Assistant (IDA), the organization utilized staging folders to carve out operation centers and field locations.
- Since they deployed the new infrastructure through a template based design, they were able to transition from monitoring mode to enforcement mode.

Steps Involved

For each switch:

1. Pre-ran an authentication check
2. Pre-defined the MAB devices
3. Highlighted any bad Cisco NAM Client installs.
4. Ran this process overnight to issue a shut/no shut on ports that needed reporting, then gathered the data the following day. Also would typically would run cutover the night after.
5. Ran "follow" template on problematic ports
6. Followed-up on the workstation the day after to remediate the problem (usually discovering a bad NAM client install.)

Benefits



- Pushed configurations through 13 Switches, 4413 ports

"All I can say is that it makes the job so much easier. Just for the tracking purposes alone was highly beneficial".

"We are 100% in enforcement mode for the OS centers and HQ."

"Completed phase 1...locations as well as our SLC OS."