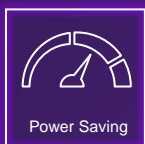
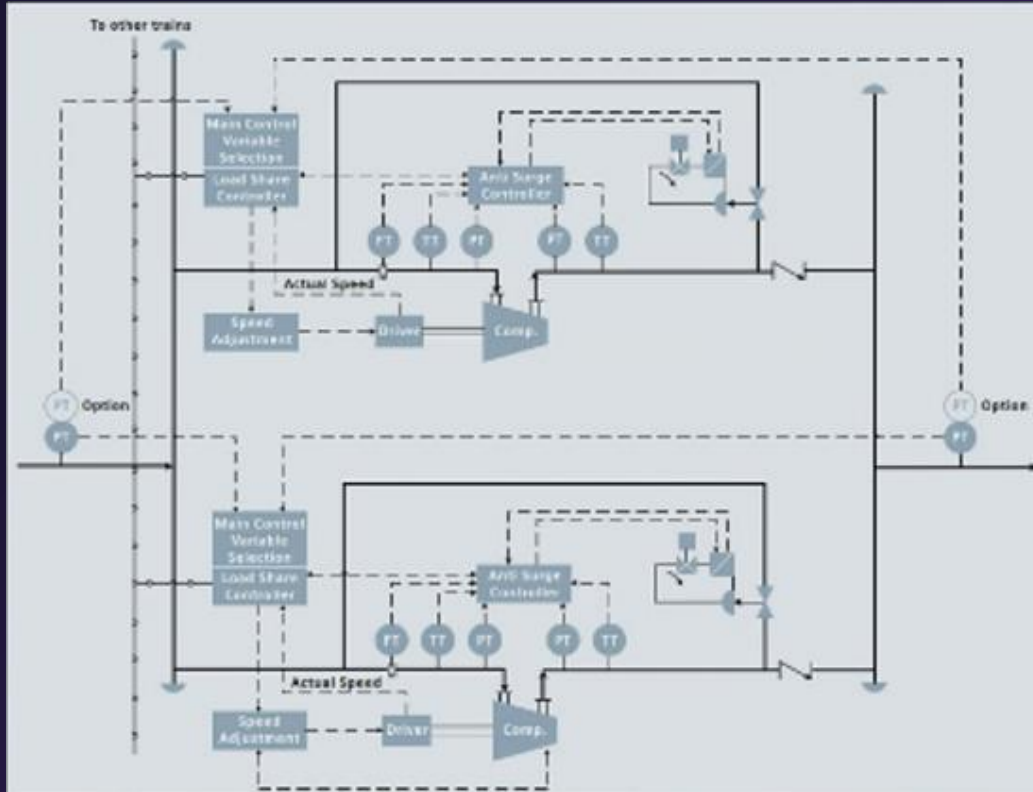
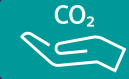


Controls Upgrade

Applicable fleet: Industrial Radial, Gas Trans Pipeline, Industrial Axial



Increased Security



Reduced CO₂

Product Overview

Aged Control Systems suffer from vulnerability against Cyber Threats due to weak security concepts and/or obsolete Operational Software, Service and Spare Parts and extended requirements on functionality.



Improved Features

System improvement along with upgrade by implementation of latest logic or customized adaptations:



Anti surge control, anti surge protection, process control, load sharing, fall back strategy, long term archive, redundancy, stroke test, DCS interface, RDS, smart server, smart client

Benefits

- Full Cyber Security defense by continuous patches in the future
- Improved functionality, wider application range
- Less CO₂ by wider performance map and less open anti-surge-valve
- Increased availability by resolved obsolescence
 - Reduced risk of phased-out system
 - Most recent system



Scope of work & Implementation

Replacement of aged controller by SCAUT-Compressor-Control System

