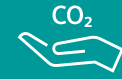


Dry Gas Seal Upgrade

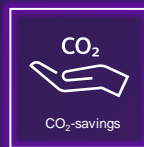
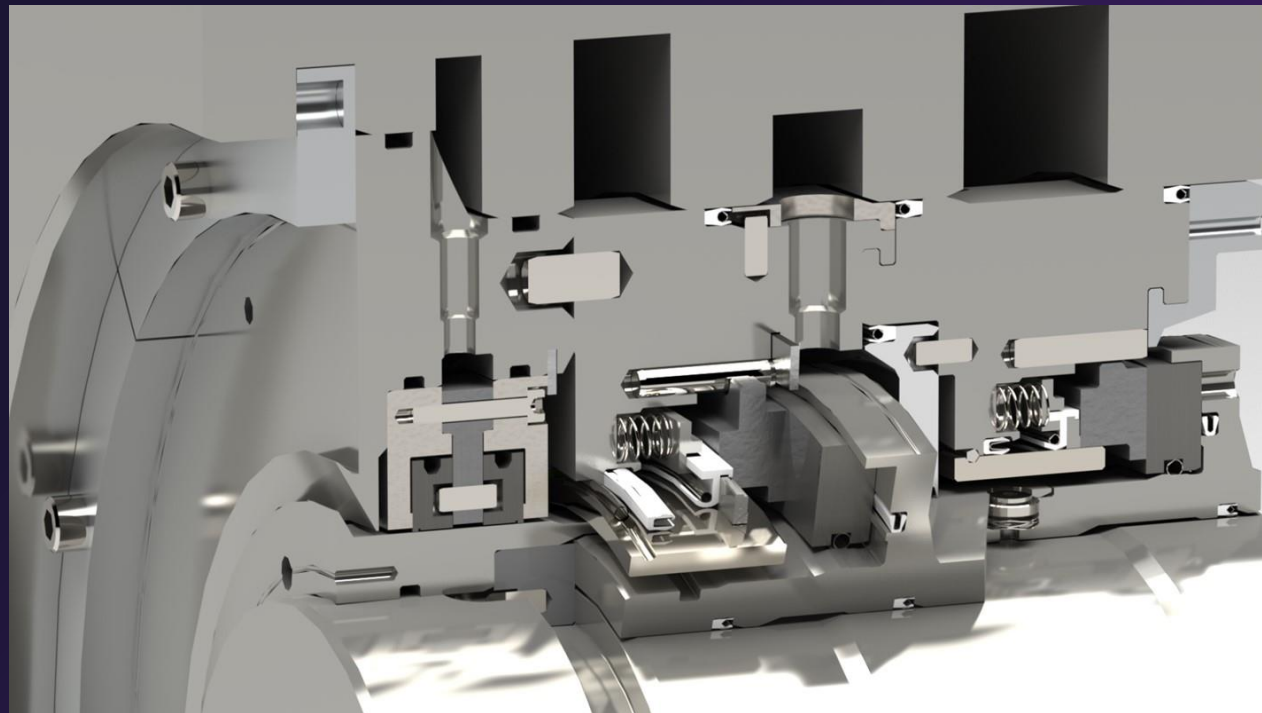
Applicable fleet: Industrial Radial, Gas Trans Pipeline



Reduced Emissions



Less Methane
and CO₂
emissions



Product Overview

The dry gas seals employed in Siemens Energy centrifugal compressors represent a significant advance in shaft sealing. Centrifugal compressor seals are a critical subsystem, carefully integrated into the overall unit design.



Improved Features

- Single DGS – For Applications where ease of installation is key
- Double DGS - For applications where zero emissions is a must
- Tandem DGS – When a lower emission solution is needed (Optional w/o intermediate Labyrinth)
- Carbon Ring Separation Seal – Is used as a safety backup to any of the seals
- Carbon Ring Process Seal – For reducing compressor inflow
- State of the art design



Benefits

- Reliability Improvement
- Reduction in unscheduled downtime
- Elimination of the seal oil consumption
- Reduction of operating costs



Scope of work & Implementation

- The dry gas seal upgrade involves a changeout of prior auxiliaries associated with the wet Seal to be replaced by the auxiliaries needed for the DGS (panel).
- Siemens Energy has 60+ service centers globally with 4 DGS specific centers and two Centers of Excellence.

