

## IMS FCM

**Manage critical flanges with a strict guided maintenance protocol, based on tool usage, tension & torque, and joint integrity calculations.**

Flange connections are still one of the biggest sources of leaks in the industry. IMS FCM helps you manage critical flanges with a strict guided maintenance protocol, based on tool usage, tension & torque, and joint integrity calculations. Our solution comes with offline functionality, that you can use in the field on a tablet, and connect to smart tools, like wrench torques, via Bluetooth. Ultimately, improving the digitalization of your process.



### With IMS FCM you can...

- Register all your relevant flange data in one central location.
- Conduct transparent tension & torque, and joint integrity calculations.
- Define jobs for blind list/spade off list definitions.
- Identify bad actors and critical flanges based on proper history recording with dynamic checklists
- Carry out a clear and structured approach to the assembly and dismantling of (critical) flanges

### The Benefits

Proper flange management will reduce leaks by 35%. The costs associated per leak can be anywhere from €100K to €100M.

- Use your data to create a uniform protocol.
- Use a detailed checklist for the execution of the work needed.
- Details recorded for each job are properly recorded and signed off. Following this, dashboards can then be used to highlight exceptions, bad actors, and issues.
- Smoothly bridge the work done by your Mechanical Engineers and the Equipment Integrity department.



Cenosco provides all the appropriate training and consultancy.

Get in touch to request a full demo of IMS FCM



Hazards Consultancy is part of the Cenosco Partner Network

**CONTATE-NOS**



## FACTSHEET

# IMS FCM: Flange Connection Management

### Areas of application

Refineries • Terminals • Tank farms • Chemical plants • Process facilities • Pulp mills • Pipelines • Wells

### Types of Equipment

Bolted flange joint assembly

### Compliance and Certification

Auditable Events • ASME  
ISO 9001 • Microsoft Gold Partner • SAP Compliant



### Tools and Submodules

Relationships between equipment • Flange specifications • Calculating tension and torque values • Recommendations • Jobs scheduling • Bolting tools management • Recording condition history

### Interfaces

Interface to any CMMS system (e.g. SAP, JDE, Maximo) for Hierarchy, Work Orders, Schedules • Interface with AutoCAD

### Training

1 Day Tool Training