

# MDO EAM EPC WITH CFIHOS

CFIHOS (Capital Facilities Information Handover Specification) is an industry-standard used by operators, contractors, manufacturers, and suppliers to achieve a consistent approach in handover processes. It stipulates the information required to operate, maintain, and modify industrial process facilities through process and guidance documents, technical specifications, data models, etc. Its main objective is to ensure quicker, easier, and safer handover among key stakeholders.

## MDO Data Management with Engineering, Procurement and Construction contractors (EPC) with CFIHOS

The MDO Data Management for EPC helps to extend master data governance for your maintenance data with a collaborative approach with your contractors. The project to operations handover has always been a challenge as there is a lot of important data that needs to be exchanged during handover, which is both structured and unstructured.

MDO now provides the latest CFIHOS standard asset (equipment and tag) classes, attributes, and picklists in SAP Asset Intelligence Network (AIN) for the definition of models, equipment, and functional locations.

With documented information aligning to CFIHOS, contractors, suppliers, manufacturers, and operators across the network can 'speak' a common language. You'll be able to share and access correct and up-to-date asset information, especially crucial maintenance data such as maintenance strategies, asset usage, and failure data.

## Benefits to Your Organization

### Get the right information across your engineering deliverables

Utilise CFIHOS to eliminate friction among stakeholders in getting the right information (data and documents) to start, operate, maintain, and decommission your facilities.

### Eliminate paper-based handover and re-work

Digitalized CFIHOS handover eliminates manual re-keying of asset data in all project phases which can be plagued with errors and delays.

### Streamlined and safe operations

Automation of information sharing and exchange in compliance with CFIHOS enables effective communication among the stakeholders. This way, the smooth running of asset operations that prioritize safety while minimizing untoward incidents is guaranteed.

## Optimized costs and resources

The CFIHOS standard facilitates smooth handover and seamless collaboration among teams across the environment. This prevents costly delays and budget overruns, reducing capital project costs.

There's no need to perform manual updates in every project phase, resource utilization can be optimized where employees can focus on more meaningful tasks that contribute towards strategic goals.

## MDO CFIHOS for SAP Plant Maintenance

The MDO EAM CFIHOS Solution for SAP will ensure that we have a CFIHOS layer embedded in all the critical master data and their attributes for plant maintenance. The classification data for the tags will be in sync with the SAP Classification system, and all asset data that are handed over will follow similar standards.

This will allow all your Engineering Contractors to send data based on these standards both electronically and using the MDO interface layer. The future maintenance of data will also use the same standard and classification system.

The implementation of these standards will have 2 key phases.

- Definition or improving the current data, mainly in the classification areas that will align with the core equipment and location data. This will include initial cleansing and setting up these standards.
- Ongoing Maintenance – All EPC Contractors will have MDO interfaces to maintain these data as per the standards; they can even upload or interface them electronically. This will also be available for internal users. The data will be mapped based on the customer data standards, and the governance process will help validate and integrate data into SAP.