



BlueCielo Meridian Asset Management module



Product Profile

The Asset Management module provides full Asset Information Management in BlueCielo Meridian. It enhances operations during the asset lifecycle, avoids costly disruptions, improves operational excellence, increases revenue, and supports regulatory compliance.

Industries

Owner/Operators in capital intensive industries:

- Oil & Gas / Petro-chemical
- Utilities
- Pharmaceutical
- Food & Beverage
- Metals & Mining

Added Value

- Virtually zero search time to get up-to-date technical master data for Operations & Maintenance
- Standard integration with Maintenance and Facility Management Systems
- Maintenance and Engineering connected, no loss of redlines and remarks
- Automatic asset-document reference updates
- Full support of Management of Change (MoC) processes



Integrated Asset Information Management

The BlueCielo Meridian Asset Management module enables BlueCielo Meridian Enterprise users to expand their Engineering Content Management solution into a full Asset Information Management system.

The BlueCielo Meridian Asset Management module ensures the performance of mission-critical assets and avoids costly operational disruptions by integrating engineering data managed in BlueCielo Meridian Enterprise with systems such as IBM Maximo, SAP's Enterprise Asset Management (SAP-EAM), Oracle-EAM, FAMIS, INFOR (Datastream), Ultimo and others. Unique asset identifiers (tag numbers) allow users to immediately access related documents through search or through integration with the maintenance or facility management system.

Companies implement asset management solutions to manage the routine maintenance of production assets. However, asset management cannot reach its full potential without proper management of asset-related technical documentation. The management of technical asset information is vital to the entire enterprise and is critical in order to stay competitive and resume production as quickly as possible in the event of unplanned downtime.

Key Capabilities

Asset-centric Engineering Content Management

Plant changes are always related to the revenue-generating assets. An asset may be represented in many documents, while some documents represent many assets. The assets (equipment or functional locations) can be imported from your maintenance management system or created within a project, each with its own metadata.

Managing Tag-Doc relations

Tag-document relationships can be created manually or automatically, either through import from Excel spreadsheets or through extraction of the attributes of the tag blocks in AutoCAD drawings. After extraction, tag attributes are cross-referenced against existing object tags in the BlueCielo Meridian Enterprise vault. When tag attributes match existing tags, a tag-document relationship is automatically created. The user can intervene for tags that are, for example, unmatched, and missing tags can be created.

Hotspot Support

After tag attributes have been extracted from an AutoCAD drawing, the visual representations of the tag numbers in the drawing can be converted into hotspots. The user can click on a hotspot and jump directly to the related object in the vault to view additional data. Through configuration, the functionality of hotspots can be extended to show the list of related documents for an object, or for a document to show the related objects.

Up-to-date Master Data for Operations & Maintenance

If relationships exist between assets and documents, Operations & Maintenance personnel can search by tag-number to see all related technical documentation, while the search by document shows all related assets. The search result shows the projects in which data has been modified, allowing switching to the projects archive for further analysis. Search tools can be used to show dashboards and up-to-date reports, including Line Lists, Equipment Lists, Valve Lists, etc.

Integration with Maintenance or Facility Management Systems

The BlueCielo Meridian Asset Management module facilitates light-weight integration with Maintenance or Facility Management systems such as SAP-PM, Maximo, Ultimo, INFOR, Famis and ArchibusFM. From the maintenance management system, users have direct access to the related technical documentation, for example, when viewing a work order, equipment or job plan. The user can see all its details, document status and document content through the built-in viewer. In the viewer, the hotspots allow navigation to related assets and documentation.

Maintenance & Engineering Connected

During the execution of work orders, Maintenance Engineers may make changes on site or in certain documents that are not as-built. The BlueCielo Meridian Asset Management module allows them to enter remarks and redline documents. During the day, the Engineering department can pick up the indicated remarks and redlines, add additional remarks and can even put the documents under change. This will immediately be visible to Operations & Maintenance. In this way, Maintenance & Operations can work 24/7 while being connected with Engineering.

Management of Change Support

Remarks and redlines from Maintenance & Operations might lead to small or large change projects. After construction and commissioning, all master data can be made as-built. New assets might be created, tag-doc relationships changed and hotspots can be generated before release to master. In this way, the handover process is seamless and Operations & Maintenance is assured of as-built master data.

Business Benefits

The BlueCielo Meridian Asset Management module provides the following benefits to asset Owner/Operators:

- Enhanced completeness and reliability of technical asset information and as-built data
- Improved compliance with quality, environmental and legal regulations
- Clear identification of which documents are subject to change due to a plant change
- Quick search for technical documents using an asset identifier as a search key
- Increased production through shorter unplanned process downtime
- Reduced costs of production, maintenance and engineering
- Seamless handover of engineering data

Contact BlueCielo ECM Solutions to find out how the BlueCielo Meridian Asset Management module can help your business.