



PROFIUM SENSE

Profium Sense is a context-aware content management platform based on semantic technologies. Sense is dynamic, adaptive and configurable. Your business rules and ontologies are the runtime configuration of your Profium Sense installation. Profium Sense Digital Asset Management can be shipped with preconfigured collection management functionality.

PROFIUM COLLECTION MANAGEMENT

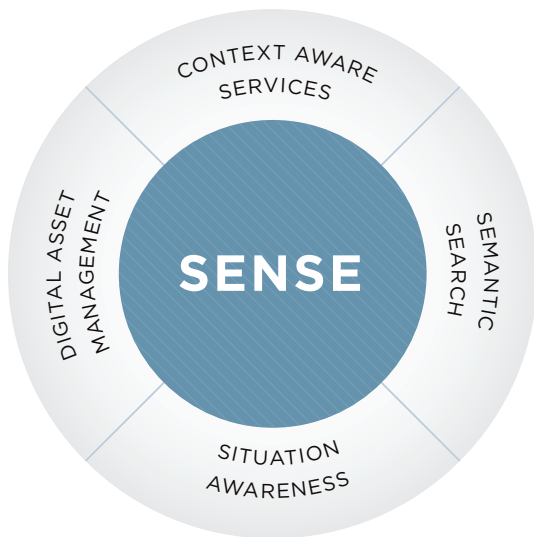
Profium Sense Collection Management is a proven Digital Asset Management solution based on semantic technologies. It is used in major museums and many organisations for managing photographic archives, item collections and cultural heritage objects.

Profium Collection Management provides flexible configurable platform for the management of photos, artwork, documents, and cultural heritage objects. Digital images and documents can be stored and linked along with related objects.

Collection management workflows are supported with a flexibly configurable role based access control mechanism. Data structures are configured with RDF schemas and OWL ontologies which can be based on industry standards or tailored based on customer needs.

Since semantic web technologies form the core of the application, data structures can be re-configured easily. Ontologies and rules may be used to describe connections and relationships between concepts and things. They also enable inferencing of new relationships from the old data. Ontologies and schemas can be modified even without a service break if needed.





ICT

Teleoperators can create new products and business models through proactive, location-based and context-aware services as well as the role-based services and applications of Sense.



MEDIA

Through Profium Sense media companies are able to implement real-time, multi-channel and segmented data content distribution: content attributes determine to whom the information is transmitted. Sense combined with electronic archives can be packed in new ways and new services.



PUBLIC SECTOR

Profium Sense offers a smart semantic electronic archive and document management. Also, Situation Awareness application visualizes the customer's operational environment for real-time decision-making.

USABILITY

Different views to the metadata may be provided for different user groups or by selection by individual users. Views determine which data fields are shown and the layout of the user interface. Search results can be presented in different formats and sorted according to user needs. The format used for presenting results of a query on photographic archives is different than the format used for presenting results of a query for cultural items or monuments. Profium Collection Management also supports opening parts of the collection through a public web site, which can be configured for an online museum shop. The web based user interface works on all major browsers.

CO-OPERATION

Hierarchical folder structures can be freely created for management of different kinds of objects in a collection. Folders enable sophisticated management of access and modification rights, which is done primarily on folder level. Rights are assigned on roles and user groups. User groups can be freely created for different purposes.

CONNECTIVITY

Profium Collection Management provides wide choice of interfaces for importing information and content via automated processes. IPTC or XMP metadata can be retrieved from the imported content files and stored for further usage. If needed, inferencing capabilities enable routing and refining of incoming data.

Besides the web user interface, multiple interfaces are provided for publishing and modification of information. OAI-PMH (Open Archives Initiative Protocol for Metadata Harvesting) interface may be used for harvesting of objects. The interface can be configured to provide different representations of metadata, such as LIDO (Lightweight Information Describing Objects). The Web Feature Service (WFS) interface enables retrieving geographical features across the web. It may be used for providing location based data about cultural heritage objects as well as other collection items. Profium Collection Management also supports WFS Transactions, which allows creation, deletion, and updating of spatial features. All data can be exported on RDF/XML format.

Profium Sense enables powerful capabilities of the SPARQL query language for querying semantic data in the Collection Management System. The SPARQL interface may be used to open the data for queries through a public SPARQL endpoint.