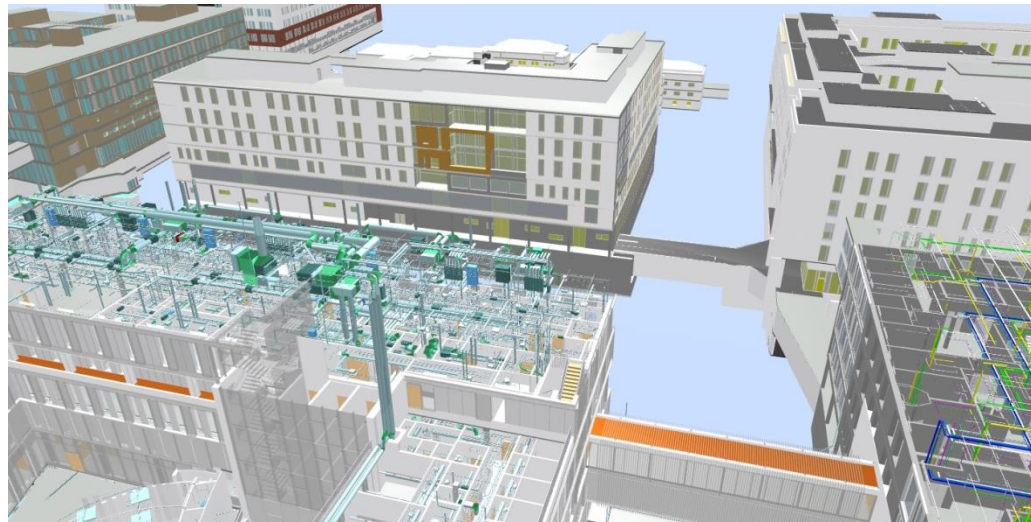
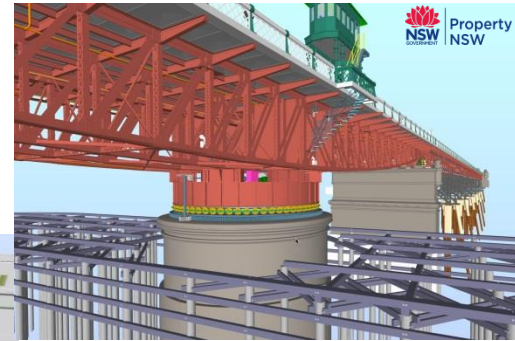


EDMmodelServer™

EDMmodelServer™ is a complete database system to manage Enterprise BIM models for organizations with large estate and project portfolios. Object-oriented, model-driven database platform, provides information ownership through openBIM, independent from proprietary systems. Client-Server application, with web- and windows desktop clients. Extendable functionality through a comprehensive server- and client side plugin framework



St.Olavs Hospital

Benefits:

- Full support for open and international BIM standards; cost-efficient integration, exchange, sharing, and long-time archiving of visual asset data.
- A system that separates information from its application. No vendor lock-in.
- Data is accessible on all platforms; desktop, web and mobile.
- Data-driven solution for automation of engineering and asset management processes.
- Plug-in architecture for 3rd party as well as own applications.

- Based on advanced object-oriented technology supporting open and internationally accepted industry standards
- Provides information ownership. All information can be managed independently from proprietary systems and provide for data longevity
- No practical limits for number of physical models and their sizes
- Model management
 - Import/Export, Validation, Versioning, Merging, Browsing, etc.
 - Automatically build collaboration models
- Reports
 - Configure, Execute on multiple models, Update model, Import/Export Excel
- And more...

BIM integrated with map



BIM integrated with map gives you a powerful interface to building portfolio in a web portal, visualizing rich 3D models for contracts related to areas and zones, as well as room classifications and more.

View management information, summaries, statistics etc. at a glance.

BIM on the highest level - EBIM supporting core business

Extend the use of BIM throughout building life with add-ons supporting the full value chain and core business

- Work Orders
- Lease Management
- Zoning
- Automated area calculations
- Issue Management
- Equipment tracking
- Manage art, signs and decorations

All stakeholders utilizing your BIM, throughout building life cycle.

Enterprise BIM – EBIM Supporting Core Business

Long term member of open data communities delivering international standards for all data pertinent to a product's design and operational life



EDMmodelServer™ core features

Import/Export Models	Import/export IFC models, both in STEP/IFC and XML format
Model Versioning	Supports versioning at model level. Users can switch back and forth between versions, compare versions, and report version differences
Model Browsing	Models can be browsed in the client through the 2D/3D viewer window or through the model explorer; Hierarchical view, Element view, Classifications view, Systems view etc.
Multiple Model View	Several models can be opened at the same time and the 3D view of each will be merged into the 3D scene by the system, without physically merging the data.
Check-In/Merge and Check-Out	Users can select and check-out portions of a model, and export them as a complete and valid IFC model, which can be imported and modified in other systems. The same portion can then be checked-in in EDMmodelServer™.
Automation	Support automated merge of multiple models. Configure which discipline models should be automatically merged as e.g. nightly batch job resulting in multi-discipline collaboration model
Cut/Split Models	Cut selected models into 'for-purpose' models. From a number of selected models in 3D scene, apply geometrical 'cut-box' to generate single cut models from union of models in 3D scene.
2D Footprint View	A 2D footprint with symbols, texts, colors and annotations can be generated directly from 3D model
Powerful reporting	Execute reports with multiple models in scope. Reports are fully integrated with other components of the system.
Access control and security	Access to data and functionality is controlled through roles and access rights. An Administrator can create roles to match any organizational structure and assign permissions to the roles to either restrict or grant access to specific functionality.
Search and Find	Powerful search functionality is provided, from the project explorer window, user may search for projects and models or for any element in selected models by defining the search criteria of interest. Search inside attached documents in models is also performed.
Scalability	There is no practical limitation in number of physical models, model size and number of objects per model.

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