



PRODUCT DEFINITION

Annex is an Integrated Building Platform built with Semantic Web technology. Annex utilizes the Tridium Niagara framework as a base to provide automated analysis and workflow management by unifying all systems and technology into a single, accessible data repository, regardless of their proprietary or disparate nature. Annex utilizes an extensive array of drivers and inherits the robust security model from the Niagara Framework, delivering superior solutions tailored to meet the diverse needs of our customers.

KEY FEATURES

- **Modern UI Single-Page Web Application:** A responsive user interface designed for efficient navigation and interaction with data visualizations.
- **Integration Platform:** Establish connections with other systems and data sources to enable data aggregation and synchronization for analysis and reporting.
- **Dynamic Visualizations of Semantic Tagging Models:** Leverage advanced semantic tagging models to dynamically visualize complex data structures, facilitating deeper insights and understanding.
- **Real-time and Historical Time-series Data Visualization:** Utilize interactive visualizations and trend analysis tools to derive actionable insights from both real-time and historical time-series data.
- **Integration with Geographic Information System (GIS) APIs and other Spatial Data Systems:** Integrates with spatial data systems to incorporate geographic information and dynamically generated 3D floor plans of a building or space.
- **Integration with Building Automation Systems:** Connect to building automation systems for monitoring and analysis of building performance data, optimize energy efficiency, and ensure occupant comfort.
- **Integration with Other Building Services and Applications:** Integrate with a variety of other building services and software applications, including work order management, asset management, and room booking systems, to streamline operations and improve overall efficiency.

Annex is an SPG (Single Pane of Glass) web application that offers a unified user interface for all linked data. Unlike conventional interfaces, Annex dynamically generates graphics based on the user's query, eliminating static web pages. Similar to the functionality of a web browser search engine, users input their query, apply filters as necessary, and instantly view the results.



COMPATIBILITY

Tridium Niagara N4 Supervisor version 4.12 or above installed with a valid license and the required number of Niagara Networks available on the license.

The number of Niagara Networks is dependent on the number of Semantic Tagged Niagara Stations required for integration with Annex.

SYSTEM REQUIREMENTS

Annex may run acceptably on lower-rated platforms, or may even require more powerful platforms, depending on the application, number of Buildings, Assets Integrated, number of concurrent users, etc.

- Processor: Intel® Xeon® CPU E5-2640 x64 (or better), compatible with dual- and quad-core processors
- Operating System: Windows 10 (64 bit), Windows Server 2016, Windows Server 2019 (64 bit)
- Browser: Chrome, Firefox, Microsoft Edge
- Memory: 10 GB or more recommended for larger systems
- Hard Drive: 4 GB minimum, more recommended depending on archiving requirements.
- Display: Video card and monitor capable of displaying 103
- Network Support: Ethernet adapter (10/100 Mb with RJ-45 connector)
- Connectivity: Full-time high-speed ISP connection recommended for remote site access.

SUPPORT AND MAINTENANCE

Edge Semantics offers comprehensive technical support and regular updates to ensure optimal performance and compatibility with evolving technology environments. Users have access to online documentation, tutorials, and a support team to address any issues or inquiries.

LICENSING AND PRICING

Annex is available under a subscription-based pricing model, Pricing is based on the number of Assets configured in the Semantic Tagging Model.

CONTACT INFORMATION

For inquiries, demos, or support requests, please email us at info@edgesemantics.com