ANNEXX

Integrated Building Platform

EDGE SEMANTICS

INTEGRATED BUILDING PLATFORM

ANNEXX

BENEFITS

- Single Pane of Glass user interface with an advanced live data search engine with relationship filtering.

- Powerful building analytics and real time optimisation reporting.

- Real-time and historic data stream to any BI software.

- Unified data-set with automatic Artificial Intelligence data maintenance.

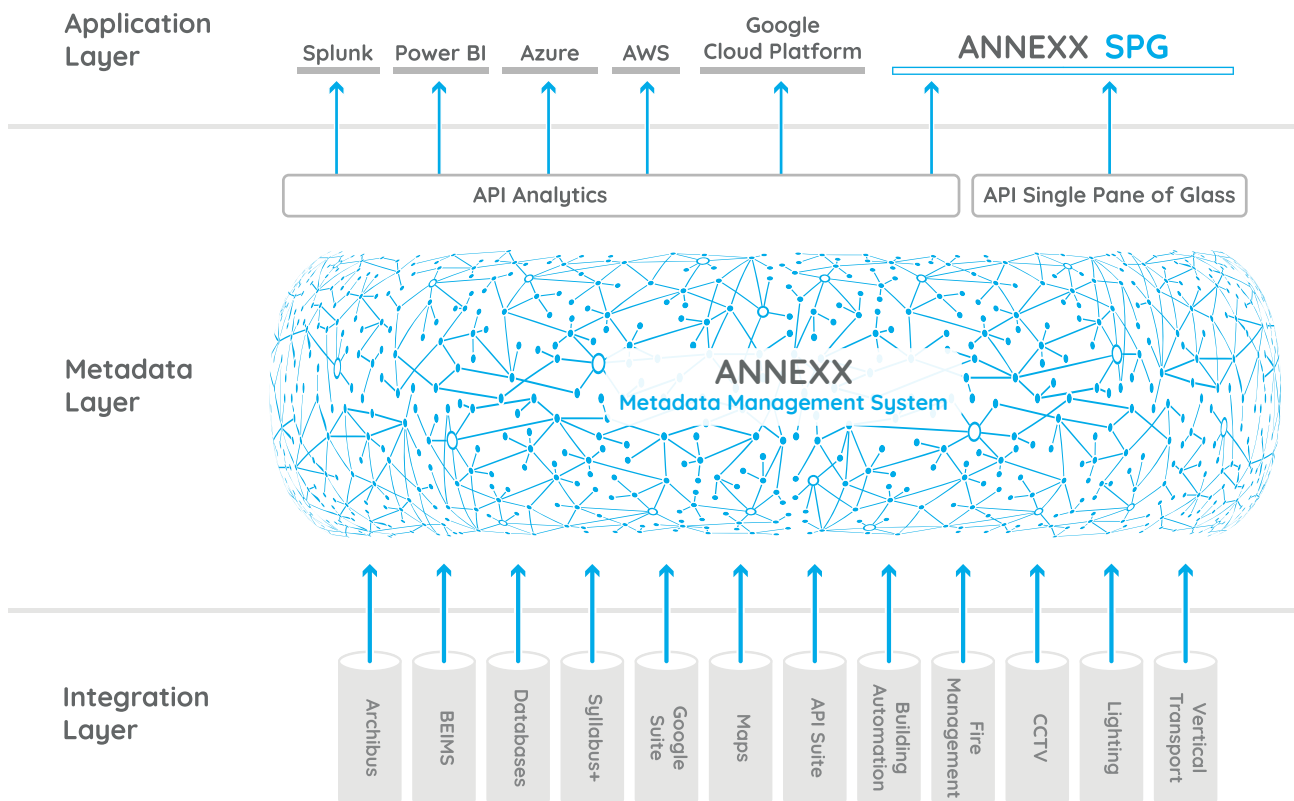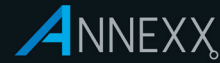- Data remains independent of any BI software.

METADATA MANAGEMENT

Annexx is an Integrated Building Platform built with Semantic Web technology that unifies and manages disparate system data into a single Metadata layer. Traditionally, integration is performed at the application layer to facilitate their specific requirements and operation. Unfortunately, this ties the data to that proprietary application.

Annexx separates metadata management from the application layer, meaning data is managed at site level. This allows any number of applications to use the data to provide Business Intelligence without the complexity of extracting, managing and maintaining the data.

Business Intelligence (BI)
Software and services that use data to provide insights into building performance and improvement opportunities.

Application Layer: Splunk, Power BI, Azure, AWS, Google Cloud Platform, ANNEXX SPG

API Analytics | API Single Pane of Glass

Metadata Layer: ANNEXX Metadata Management System

Integration Layer: Archibus, BEIMS, Databases, Syllabus+, Google Suite, Maps, API Suite, Building Automation, Fire Management, CCTV, Lighting, Vertical Transport

REAL-TIME DATA

Annexx provides real-time data to 3rd party software applications. Built with Semantic Web technology, Annexx structures disparate system data into a unified RDF dataset for streaming via a live API.

SINGLE PANE OF GLASS USER INTERFACE

Annexx SPG provides a single user interface for all connected data. Unlike traditional user interfaces, Annexx SPG automatically creates graphics from the user's query, meaning there are no fixed-data webpages. The displays operate in the same way as a Web-browser search engine; enter the search request, apply additional filters if needed, and the page displayed is instantly built to provide the information.

SEMANTIC WEB TECHNOLOGY

Annexx uses Semantic Web technology to normalise all data into a single industry-accepted RDF format. Standardised tagging dictionaries allow Annexx to define data relationships and implement *'inferencing'*. Inferencing uses Artificial Intelligence to maintain the dataset by identifying any changes and automatically updating them without any manual or human intervention.