InfoAsset™

InfoAsset Solution – Work Management

Asset Discovery Through Manhole and GPS Surveys

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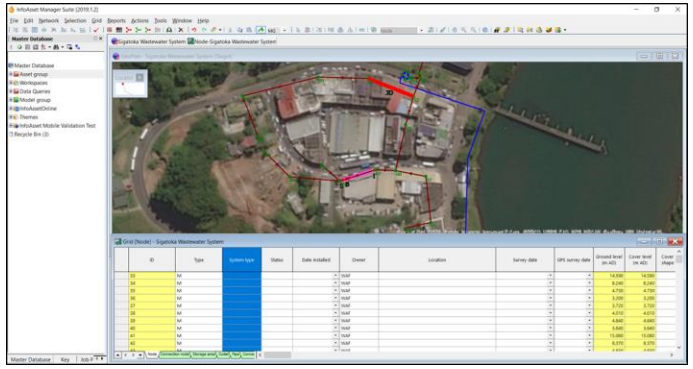
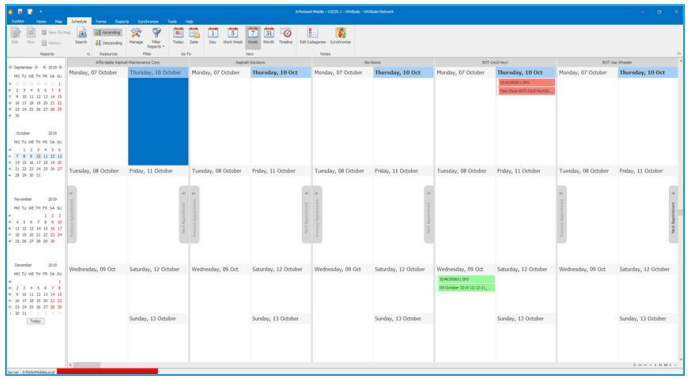
Empowering water experts

Innovyze Asset Management Product Portfolio and Solutions

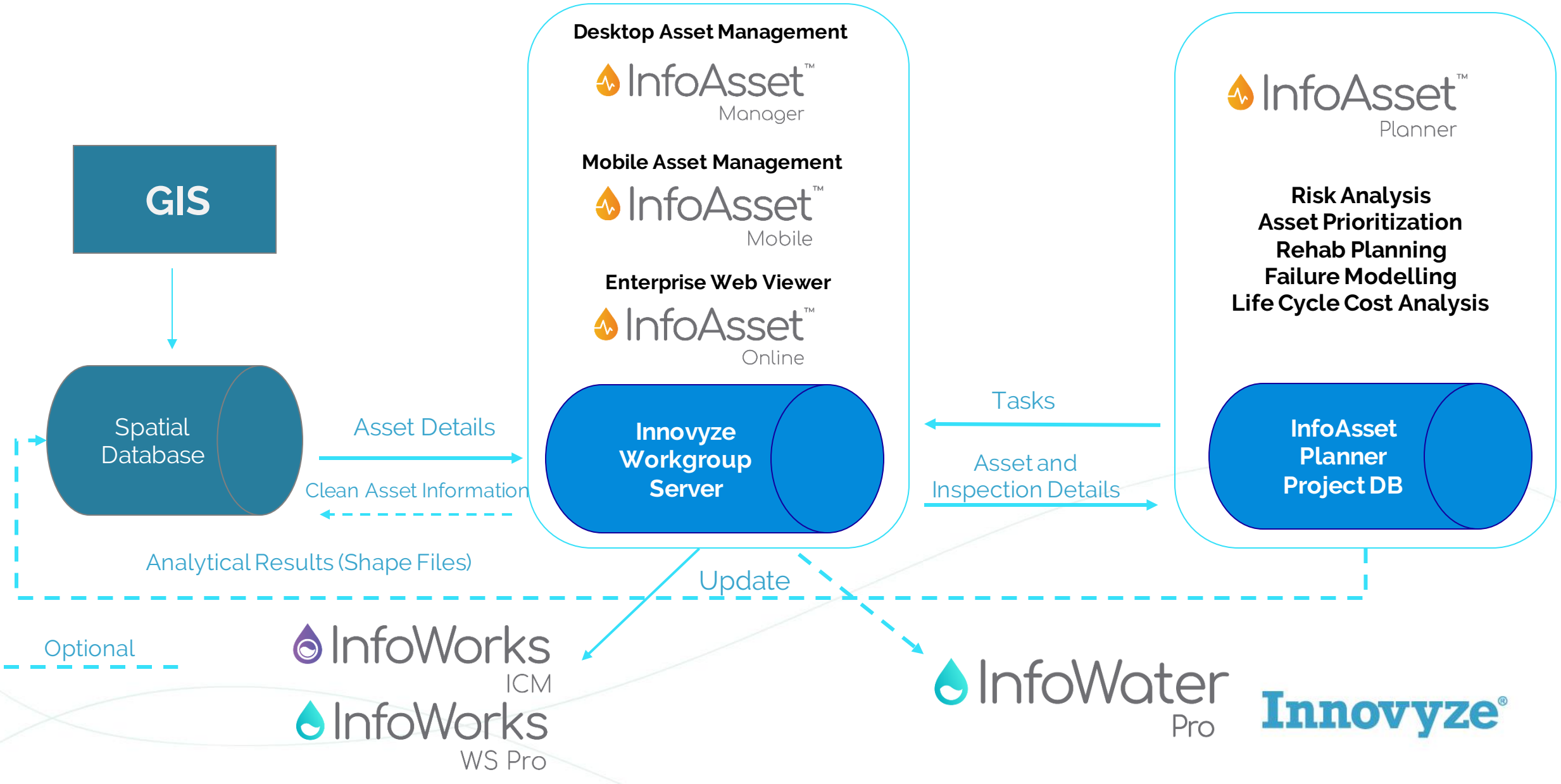
InfoAsset 2019.2	Description
InfoAsset™ Manager	***Asset Information Management***
InfoAsset™ Viewer	***Read Only Asset Information Management***
InfoAsset™ Mobile	***Field Mobile Asset Management***
InfoAsset™ Online	***Web Enabled Asset Information Management***
InfoAsset™ Planner	***Risk based capital planning tool***





Data Management, Inspections, Condition Assessment, Incidents, Work Orders

Risk Based Decision Support Analytics for Cap. Maint.



Demonstration

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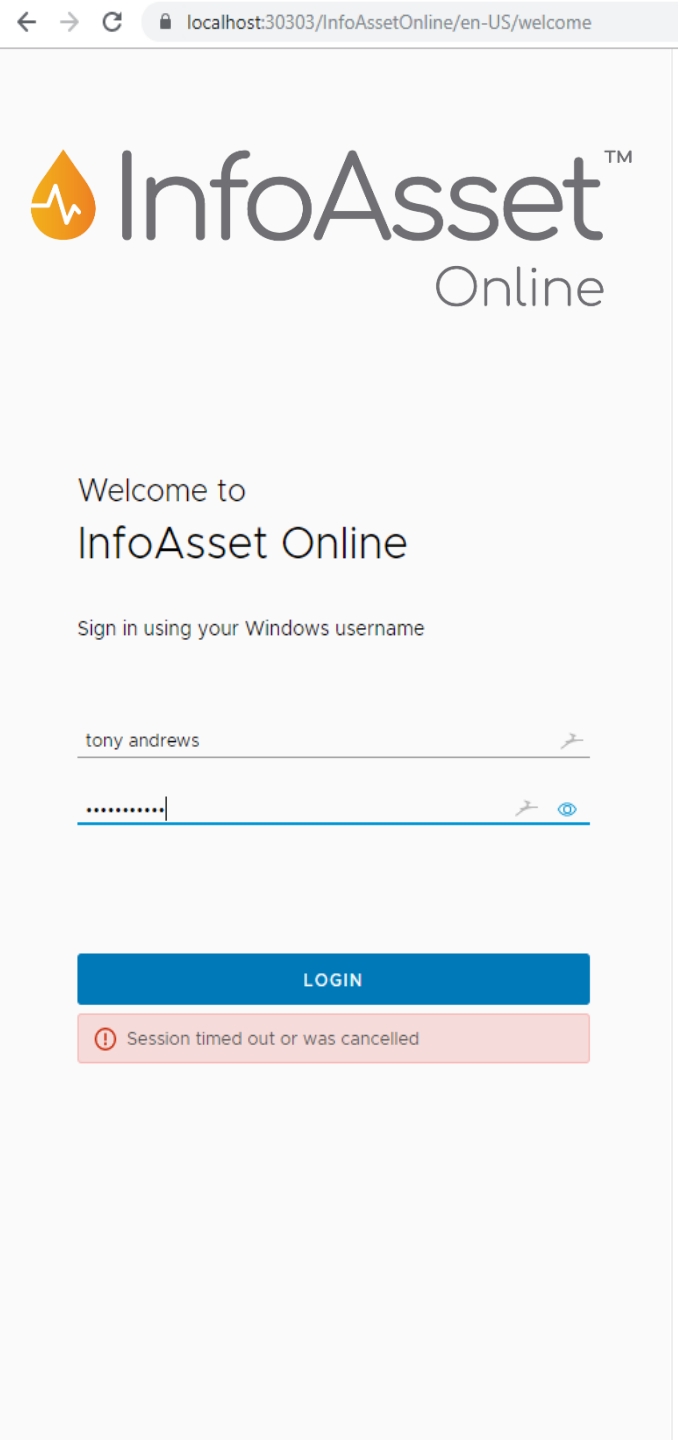


- **Installation**
  - Easy to install and configure – zip file, web service on server
  - No installation for the InfoAsset Online Client – web browser
  - On premise or off-premise Cloud deployment
- **Usability**
  - Easy to use web browser – not IE11
  - Any device anytime as long as on internet
  - Supports mobile tablet/phone gestures
  - Windows Active Directory Log-in
  - Security user roles and permissions inherited from InfoAsset Manager
- **Licensing**
  - Annual Subscription License
  - First come first served licensing
  - Two (2) free Client Licenses per account, 1 server publishing 2 networks
  - Must be floating license
  - Multiple Tabs in same Browser – single license
  - Session time out and license surrender due to inaction
- **Pre-requisites**
  - InfoAsset Manager a Pre-requisite
  - Workgroup Database requirement
- **Integration**
  - Esri ArcGIS Online Web Map – require esri license
  - OpenLayers – supports OpenStreetMap, Bing Roads, Bing Aerial – require Bing Maps Key
  - Codec transcoding and variable bit rate service – free of charge
  - Azure, AWS, Google Drive – video streaming and storage – no Innovyze SaaS

InfoAsset™ Online

- **Web Server** – Web Service publishes data and information managed in Workgroup Data Server and maintained by InfoAsset Manager, InfoAsset Mobile

- **Web Client** – Web browser (Chrome, Edge etc.) – read only viewer of all data via Map, Property Viewer, Long Section Profile, 3D CCTV Pipe Viewer, Object Chooser, Selection Grid, video replay, document viewer.

InfoAsset™ Online

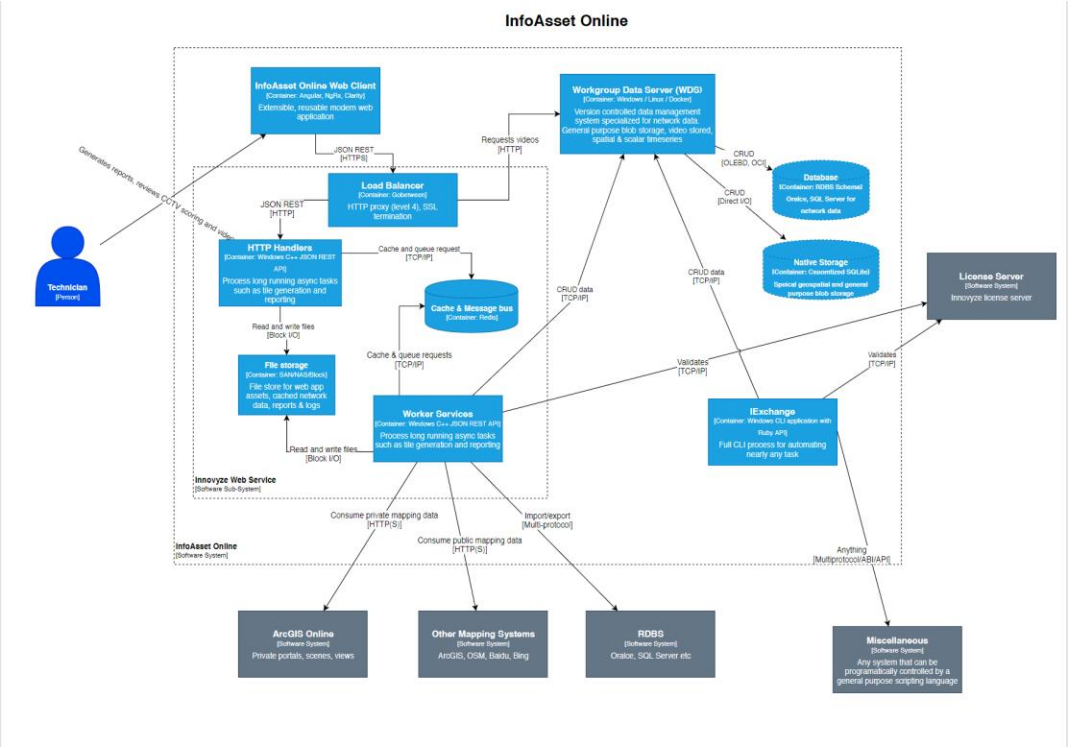
- **Administrator Role** – Full End User Role access plus configuration of workspace to publish water/wastewater network, reports, themes and “Filters” (SQL and Selections), map control (esri – ArcGIS Online Maps and Scenes, Open Layers – OpenStreetMap, Bing Maps, XYZ tile servers).

- **End User Role** – Read only access via Workspaces to data and information. Configured for access to **Reports**, **Themes** and **Filters**, **Network Tracing** (upstream, downstream, valve/network isolation tracing), **documents**, **videos**, **images**.

InfoAsset™ Online

Deployment

- InfoAsset Online Web server on premise or in Cloud
- Workgroup database server on premise or in Cloud
- InfoAsset Manager on premise or in virtualized in Cloud
- InfoAsset Online Client – anywhere, anytime, anyplace (with wireless or 4G)



Improve Data Sharing

- Operationally situationally aware - supports high velocity and volumes of data
- Supports water, wastewater, stormwater, drainage, river network and plant assets
- Scalable – one network or multiple networks, small to large
- Extendable to support non-water assets e.g. public works
- Associated events and work – inspections, surveys, incidents, complaints, interventions, financial, costs, resources, materials
- Component assets, parts and equipment
- Customer data and information, incidents, complaints
- Location - geo-centric, network connectivity, spatial and logical relationships
- Structured and non-structured data – videos, photos, PDF, CAD, GIS

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Users - Personas

- Aimed specifically at non-technical staff either in office or field
  - Customer Services
  - Field Crews
  - Finance
  - Management
  - Project managers

- Technical/domain experts, engineers, asset management
  - Operations
  - Maintenance
  - Engineers
  - Hydraulic Modellers
  - Capital Planners

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