



Adroit IoT Platform

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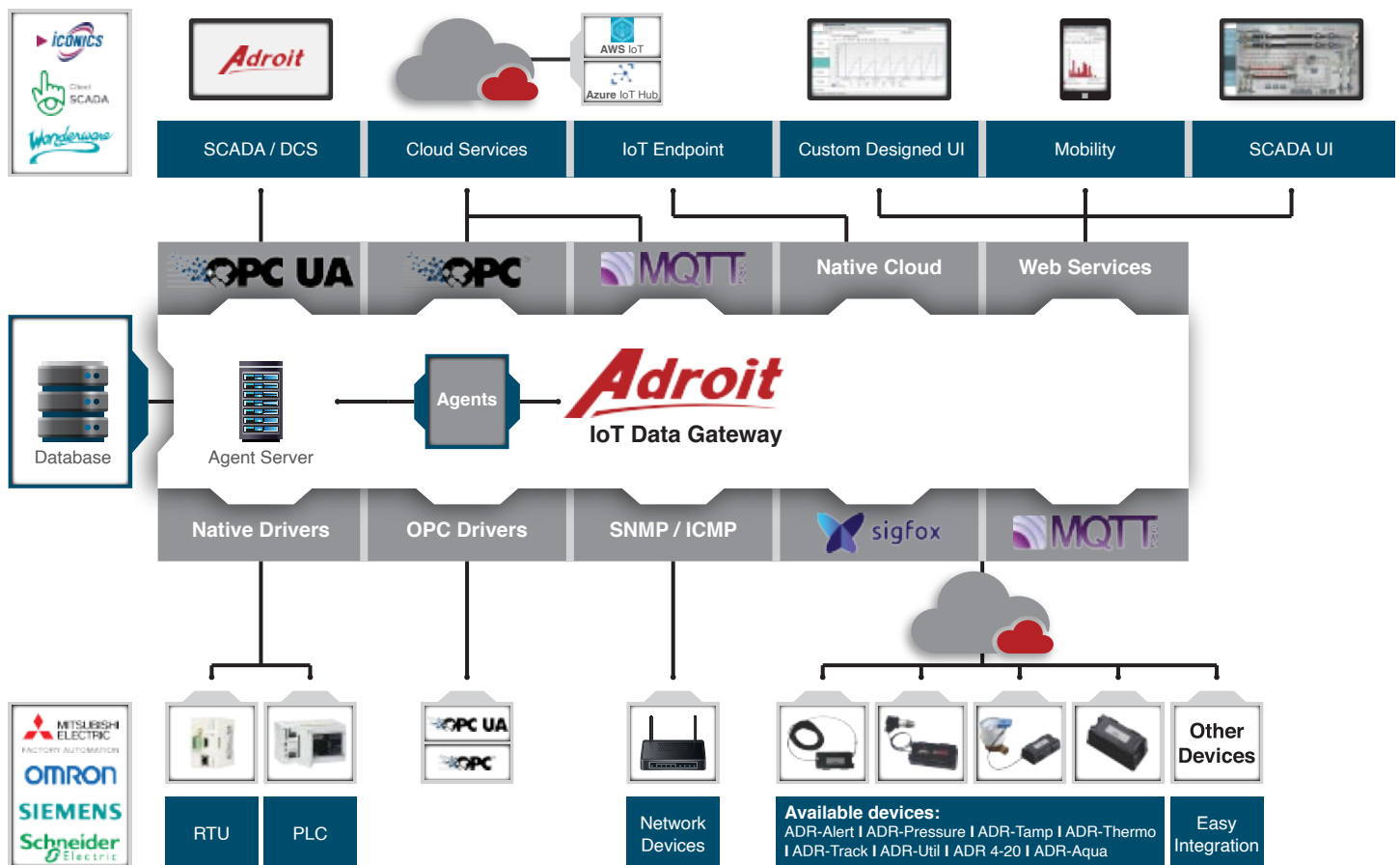
Key Features and Benefits



- The Adroit IoT platform provides a secure, integrated rapid development platform to create rich information dashboards that seamlessly integrate information from multiple data sources.
- The Adroit IoT Platform is a certified SIGFOX IoT Platform and has communication objects for various Sigfox sensors working and certified for our platform. These include meter reading, tracking, environmental monitoring, etc. The Adroit IoT platform is globally supported and allows for easy integration with a variety of devices communicating on IoT protocols/networks such as Sigfox, Modbus, MQTT, LoRa, etc.
- Customers can purchase a single tenant license, sized for their requirements, scale the license from small to start with, and simply pay for bigger systems as and when they require. Adroit Technologies is flexible in the licensing and can do once-off purchase or revenue share models that suit the market and or managed service being offered.
- In its traditional SCADA role the Adroit IoT platform can be found in almost every industry, it is a horizontally oriented platform, and the flexibility makes it suitable for any vertical application development.e.g. Water, Energy, Oil & Gas, Mining, manufacturing, Telecoms, Facilities Management, and Defence.
- Public Key Infrastructure (2048 cipher strength); Access control on each data point; Communication Encryption (RSA Asymmetric); Strict user/group-based access (Active Directory/LDAP)
- The secure Web-Services facilitate customised dashboards and user-specific user interface development. The benefit of using the Adroit IoT platform is that it offers secure log-on and secure access to any data available through the Adroit IoT Server data source architecture.
- The Adroit IoT platform is a Services Oriented application built on Microsoft. NET. It offers full API connectivity that will allow customised dashboard development. Dashboards can be built-in the product's design environment, which is built on the WinForms technology and is fully customisable by the user in that any standard .NET controls can be hosted within the forms environment.

- The Adroit IoT Platform currently supports over 100 industry standard protocol drivers and through the data source mechanism and driver development kit this can be extended.
- Ready-to-use software library of widgets where customers can drag and drop based on their application requirements. Adroit offers users the ability to minimise their engineering and maximise the quality of the solution when the Object Model is used.
- The Adroit IoT platform is an open platform that allows data to be logged, or pushed to any OLEDB-compliant database. Time or event-based triggering allows the user complete control of this. In addition, using the Adroit SCADA Intelligence Reporting product allows context-based reporting and analytical solutions.

Architecture and Configuration

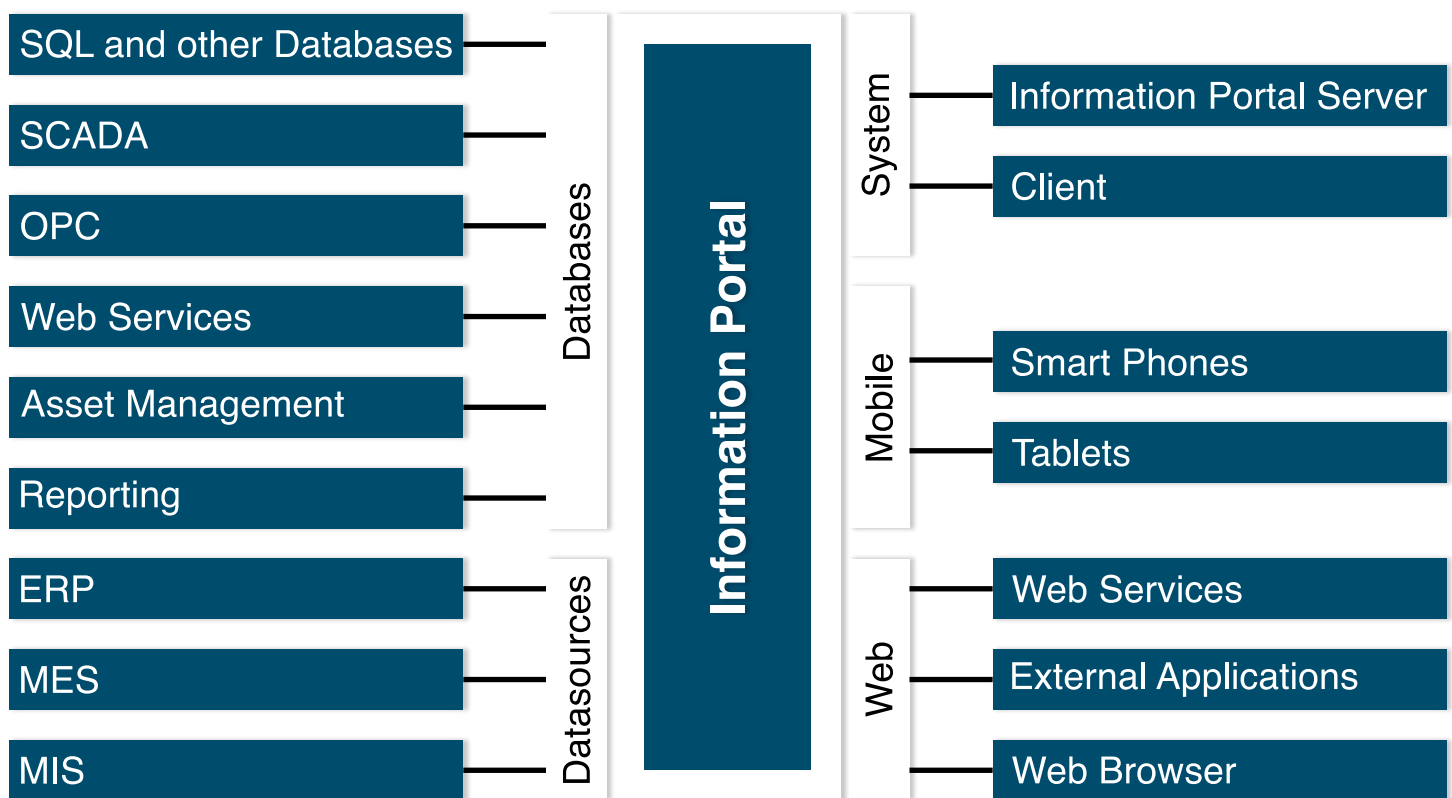


Adroit as a Platform

Adroit is a fully Services Oriented Architecture

- Web Oriented – Web services
- Security Conscious – Integrated with Windows
- Client Server
- Unified Data Model
- Fully Scriptable
- Extensible plug-in Architecture
- Off-the-shelf and Configurable
- Easy and quick to get data from Sigfox devices into the I/O Server
- Build User Interfaces and Value-based applications with virtually no development
- Hosted solution - pay as you go - Suits IoT early Developers

The Adroit IoT Portal is an information portal and a platform providing a universal user interface to amalgamate disparate information systems into a unified dashboard environment with various mechanisms for managing interaction, activity, and workflow.



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