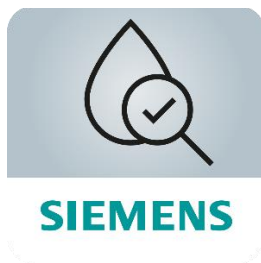# Water Quality Inspector Package
Product Sheet

This Insight Hub application Water Quality Inspector provides insight into water quality Key Performance Indicators' (KPI) and trends in operating your clean water network. By deploying water quality sensors at key points in your network, you can optimize operating parameters to reduce risks of water quality incidents. The Water Quality Inspector Package consists of the Insights Hub application Water Quality Inspector and selected Industrial IOT Resources which are required to access the Platform and to utilize the application.

Prerequisites	
Data	Water Quality Inspector requires water quality data to be measured at either 5 or 15 minute interval resolution. At minimum this must include Turbidity and Chlorine data. Support with deployment of water quality sensors and Industrial IOT connectivity are not part of Water Quality Inspector Package. These can be ordered from Siemens under separate terms and conditions. Data provided from other sources, such as existing telemetry systems, may require conversation to supported units. For example, level data must be supplied as a percentage.
Asset location	Water Quality Inspector requires location data for each Node either as Latitude and Longitude or as Easting and Northing coordinates.
Meta data	Analytics performed by the application may require Node-specific data such as network location and pipe/tank specifications. If meta data is unavailable, affected analytics will not be available.
Local rainfall data	Water Quality Inspector requires rainfall radar data to calculate some analytics. For UK based Nodes, Siemens uses an external provider for this information. Please contact the product team using the email address support.lighthouse.gb@siemens.com to discuss the provisioning of this data if: • You are not based in the UK, • You wish to use your own data source, such as an internal database.
Web browser	An up-to-date Chrome Internet browser with a screen resolution of 1920x1080 is required.
Configuration	The Water Quality Inspector application requires onboarding and configuration activities to ensure proper functionality. These are not part of Water Quality Inspector Package and can be ordered from Siemens under separate terms and conditions.
Data access	To access and use the application, data stored in your existing Account (e.g. Base Environment or Insights Hub Capability Package Account) may be accessed by the application.

Description of Water Quality Inspector Application

General	Water Quality Inspector provides insight into water quality parameters and trends in the form of events. These events are only provided as recommendations. Any decision, action or inaction taken as a result of these notifications is solely your responsibility.

Description of Insights Hub Resources

Depending on your subscription (please see Water Quality Inspector Package Overview below), the following Industrial IOT resources are included in the Water Quality Inspector Package. These have been selected to ensure proper operation of the application.

Base Environment	The Base Environment provides you with a dedicated Account (also referred to as "Environment") on Insights Hub. It enables you to login to your Account via the respective URL provided by us and is required for use of the application and Industrial IOT Resources. The Base Environment includes 1 000 Users and 25 Event Types and provides you with the following administration tools available on the Insights Hub Launchpad: • Usage Transparency: provides information regarding your consumption of Industrial IOT Resources. • Agent Diagnostic: allows you to activate and deactivate agent logfiles and to access them. • Settings: allow managing Users, permissions, rights, roles, groups, Collaborations and environment provider information. For every User, an individual login is required. Access policies are available only upon request. Insights Hub sales representative or Insights Hub Support to be contacted to enable use of access policies. • Asset Manager: allows to onboard & offboard agents to your Account; to configure assets, asset types and aspect types; to manage the Sharing of assets under a Collaboration between Accounts using Cross-Tenancy. Upgrade: can be used to order available upgrades (incl. add-ons) to already subscribed • Offerings; to get an overview of your requested and completed upgrades; to manage pending upgrade requests (authorized Users only).
Asset Attributes	For description of Asset Attributes resource please check our Glossary.
Time Series Data Ingest Rate	For description of Time Series Data Ingest Rate resource please check our Glossary.
Time Series Data Storage	For description of Time Series Data Storage resource please check our Glossary.
File Storage	For description of File Storage resource please check our Glossary.
Event	For description of Event resource please check our Glossary.

Water Quality Inspector Package Overview

Application subscription	Base	10 Node Extension	50 Node Extension	200 Node Extension
Water Quality Inspector application	✔			
Base Environment[1]	✔			
Asset Attributes	67	670	3350	13400

Time Series Data Ingest Rate	0.01 KB/s	0.06KB/s	0.27KB/s	1.08KB/s
Time Series Data Storage[2]	0.5 GB	2GB	9GB	36GB
File Storage	0.5 GB	0.5GB	1GB	4GB
Events	1000	2000	10000	40000

[1] You can decide if a Base Environment shall be created and provisioned to you as part of your Water Quality Inspector Package subscription or if the Water Quality Inspector Package (without a Base Environment) shall be added to an existing Account (Base Environment or Insights Hub Capability Package Account). A Package can only be added to an existing Account if the Account and Package are hosted in the same data center location. If you decide to add various Packages to one existing Account, please note the following: The Industrial IOT Resources included in the various Packages will be combined under one Account; it is your responsibility to allocate the Industrial IOT Resources to the various Packages according to your needs.

[2] Time Series Data Storage capacity displayed above will suffice for data collected in the 1st year assuming data is collected at 5 minute intervals. Accumulating data beyond 1 year will require purchasing of additional Industrial IOT resources.

General

Subscription Term	The standard Subscription Term for Water Quality Inspector Package is either 12 or 36 months. The Subscription Term shall automatically renew if set forth in the Order.
Payment terms	The subscription fee for Water Quality Inspector Package is charged yearly in advance.
Service Level Agreement	The Monthly Availability for this application is 95%. Monthly Availability is defined in the Cloud Services Support and Service Level Framework available on https://www.siemens.com/sw-terms/sla.
Confidential Information	For the avoidance of doubt, the data provided by Siemens or generated as part of this Service constitutes our Confidential Information as this term is defined in the MMA. This includes, but is not limited to: • Rainfall data, • Events generated by the application.
Third-Party Terms	The application contains third party services, including open source software, commercial software, or softwarerelated managed services, which are subject to additional or different terms, license rights, or require certain notices by their licensors, which we are obliged to pass on to you as your licensor and to which you agree to abide ("Third-Party Terms"). The Third-Party Terms are made available on https://www.sw.siemens.com/en-US/sw-terms/mindsphere-third-party-terms/
Support	Support is available in English via e-mail support.lighthouse.gb@siemens.com. Usual reaction times are 48 hours, from Monday to Friday – excluding national and local holidays.

Export Control Regulations

Applicable for Water Quality Inspector application and Industrial IOT Resources.	
AL	N
ECCN	N

Security Information

General	In order to protect plants, systems, machines and networks against cyber threats, it is necessary that you implement and continuously maintain a holistic, state-of-the-art industrial security concept.

Definitions

Node	In the context of the Water Quality Inspector application, a Node is defined as a location equipped with a number of water quality sensors connected to Industrial IOT by a single Remote Telemetry Unit (RTU), for example a service reservoir inlet pipe.

General	Unless otherwise indicated, capitalized terms used in this document shall have the meaning given to them in this document or elsewhere in the Agreement. You may also want to check our Glossary.

https://plm.sw.siemens.com/en-US/insights-hub/capabilities/