

# Insights Hub Cloud Resources Product Sheet



Insights Hub Cloud Resources empower you to use Insights Hub capabilities. Insights Hub Cloud Resources Packages provide the resources required to use the various capabilities and functionalities provided either in a Insights Hub Capability Package or as an Add-on offering.

## Prerequisites

Subscription

A valid subscription to a Insights Hub Capability Package (Basic/Standard/Premium) is required.

## Description

General

Insights Hub Cloud Resources are offered as either mandatory or optional Insights Hub Cloud Resources Package. Mandatory Insights Hub Cloud Resources (also referred to as “IIoT Data Package”) contain the necessary resources for the utilization of the Insights Hub Capability Packages and are available in five different sizes (XS/S/M/L/XL), from starting simple use cases (XS) towards high end resource requirements in XL size. Optional Insights Hub Cloud Resources Packages are needed for specific use cases and are required to consume/use the respective capabilities. They are available in three different sizes (S/M/L). You select the best fitting Insights Hub Cloud Resources Package for your use cases and demands.

Limitations and usage-based fees

You are only authorized to utilize the Insights Hub Cloud Resources Package size to which you hold a valid subscription. Only one size of Insights Hub Cloud Resource Package can be subscribed to for one Insights Hub Capability Package. The resources included in the Insights Hub Cloud Resources Packages have certain limits as outlined in the table below. The table indicates if limits are either monthly recurring or apply for the entire Subscription Term. Should the actual usage of your Insights Hub Cloud Resources Package size exceed the applicable limits below, usage-based fees will be charged on a monthly basis as set forth in the Price List for Offerings with Usage-based Fees available at <https://siemens.mindsphere.io/en/docs/Product-Descriptions->

	<p><a href="#">Overview/usage-based</a>. An exception applies to the following limits of Insights Hub Cloud Resources which you may not exceed:</p> <ul style="list-style-type: none"> <li>• Data Registries included in the optional Semantic Data Interconnect Resources Package (see table below). Data Registries can be upgraded for additional fees.</li> <li>• Events included in the mandatory IIoT Data Package (see table below). To clarify whether such limitations can be increased please contact <a href="#">Support Center</a>.</li> <li>• Event Types included in the mandatory IIoT Data Package (see table below). To clarify whether such limitations can be increased please contact <a href="#">Support Center</a>.</li> <li>• Forecast Executions included in the mandatory IIoT Data Package (see table below). Forecast Executions can be upgraded for additional fees.</li> <li>• Anomaly Detection Executions included in the mandatory IIoT Data Package (see table below). Anomaly Detection Executions can be upgraded for additional fees.</li> </ul> <p>Please note that depending on your usage certain technical limitations may apply in addition to the limits set out in the tables below. For more information, please refer to <a href="https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/technical-limitations">https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/technical-limitations</a>. To clarify whether such technical limitations can be increased please contact Insights Hub Support.</p>
Payment Terms	The subscription fee for mandatory and optional Insights Hub Cloud Resources Packages is charged yearly in advance. If your usage exceeds the authorized limits, we will charge you for the excess usage monthly in arrears.

## Mandatory Insights Hub Cloud Resources Package - Overview

The Insights Hub Cloud Resources included in the mandatory Insights Hub Cloud Resources Packages in the table below have limits which apply for the entire Subscription Term, unless expressly indicated as 'monthly' limit.

For general description of the Insights Hub Cloud Resources listed below, please refer to the Insights Hub [Glossary](#).

For clarity, please note the following example: If you have subscribed to IIoT Data Package size M for the Subscription Term of 12 months, you are allowed to ingest and store in total 240 GB time series data into Insights Hub during the whole Subscription Term. If you use your total purchased 240 GB before the end of your Subscription Term and continue to ingest and store data to Insights Hub during the Subscription Term, you will be charged for the excess usage monthly in arrears. For Operations Insight Analytics – Processed Data (using IDL) you can incrementally query 20 TB size of files from IDL every month. In case you exceeded this limit in a certain month, you will be charged for the excess usage for that month. In the next month your authorized limit will be reverted to 20 TB.

IIoT Data Package	XS	S	M	L	XL
Analytics API Calls (monthly)	500	500	500	500	500
Events	50 000	150 000	500 000	1 250 000	2 500 000
Event Types	10	25	50	100	150
File Storage	12.5 GB	50 GB	200 GB	800 GB	3 200 GB
Insights Hub Predict Forecast Executions	20	20	20	20	20

Insights Hub Predict Anomaly Detection Executions	20	20	20	20	20
Notification Emails (monthly)	1 000	4 000	16 000	64 000	256 000
Notification Mobile Push (monthly)	1 000	4 000	16 000	64 000	256 000
Notification SMS (monthly)	0	0	25	100	400
Insights Hub Monitor KPIs (using aggregated time series data)	0	0	5	20	80
Insights Hub Monitor Processed Data (using IDL)(monthly)	0	0	20 TB	80 TB	320 TB
Insights Hub Monitor Rules	5	20	80	320	320
Insights Hub Monitor simple KPIs	5	20	80	320	320
Time Series Data Ingest Rate	0.5 KB/s	2 KB/s	8 KB/s	32 KB/s	128 KB/s
Time Series Data Storage	15 GB	60 GB	240 GB	960 GB	3 840 GB
Visual Flow Creator Compute Hours (monthly)	3 hours	12 hours	48 hours	192 hours	768 hours

## Optional Insights Hub Cloud Resources Packages - Overview

The resources included in the optional Insights Hub Cloud Resources Packages in the table below have limits which apply for the entire Subscription Term, unless expressly indicated as 'monthly' limit.

For general description of the Insights Hub Cloud Resources listed below, please refer to the Insights Hub [Glossary](#).

Integrated Data Lake (IDL)	S	M	L
Maximum volume of read data (monthly)	10 GB	40 GB	160 GB
Maximum volume of write data (monthly)	10 GB	40 GB	160 GB
Maximum number of read operations (monthly)	100 000	400 000	1 600 000
Maximum number of write operations (monthly)	100 000	400 000	1 600 000
Maximum number of search operations (monthly)	10 000	40 000	160 000
Total number of objects stored	250 000	1 000 000	4 000 000
Maximum data storage	100 GB	400 GB	1 600 GB
Data Contextualization	S	M	L
Data Registries	4	4	4

Query Executions (monthly)	500	2 000	8 000
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## 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

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](#).