

Technical Limitations for Usage of MindSphere Cloud Resources

Depending on your usage of MindSphere Cloud Resources certain technical limits as set out in the tables below may apply in addition to (and do not replace or override) the commercial limits contractually agreed.

The limits mentioned below are intended to provide guidance regarding the consumption of MindSphere Cloud Resources for each Environment belonging to your Account, unless expressly indicated as “per Account” in the table below. The limits mentioned in the table for Package Builder for Siemens are intended to provide guidance regarding the consumption of MindSphere Cloud Resources for Base Environment belonging to a Package. The limits apply for the entire Subscription Term unless expressly indicated as ‘monthly’ limit in the tables below.

These limits do not constitute absolute technical limits as they are interdependent and highly impacted by the way MindSphere is consumed. Therefore, the limits below shall serve as an orientation only. To clarify whether such technical limitations can be increased please contact MindSphere Support.

Limitation for Usage of Mandatory MindSphere Cloud Resources					
IIoT Data Package	XS	S	M	L	XL
Analytics API Calls (monthly)	10 000	10 000	10 000	10 000	10 000
Dashboards	80	80	80	80	80
Event Types	25	50	100	150	200
Events	150 000	450 000	1 500 000	3 750 000	5 000 000
File Storage (per Account)	62.5 GB	250 GB	1 000 GB	4 000 GB	16 000 GB
Notification Emails (monthly)	4 000	16 000	64 000	256 000	1 024 000
Notification Mobile Push (monthly)	4 000	16 000	64 000	256 000	1 024 000
Notification SMS (monthly)	100	100	100	400	1 600
Operations Insight Analytics – Processed Data (using IDL) (monthly)	200 TB	200 TB	200 TB	800 TB	3 200 TB
Operations Insight Rules	50	200	800	3 200	3 200
Operations Insight KPIs	50	200	800	3 200	3 200
Time Series Data Ingest Rate	1 KB/s	4 KB/s	16 KB/s	64 KB/s	192 KB/s
Time Series Data read/compute ¹	200 KB/s	600 KB/s	1 800 KB/s	3 600 KB/s	7 200 KB/s
Time Series Data Storage (per Account)	1 500 GB	6 000 GB	24 000 GB	96 000 GB	384 000 GB
Visual Flow Creator Compute Hours (monthly)	30 hours	120 hours	480 hours	1 920 hours	7 680 hours

¹) Time Series Data read/compute represents the sudden spike in data queries and should not be associated with continuous data polling. As an example, if you have subscribed for an IIoT Data Package Small, your limit is 600 KB/s. If you consume 2 400 KB/s, you have consumed next 3 seconds quota as well and will be allowed to read again on 4th second.

Limitation for Usage of Optional MindSphere Cloud Resources			
Semantic Data Interconnect (SDI)	S	M	L
SDI Outbound Traffic (monthly)	30 GB	120 GB	320 GB
SDI Query Executions (monthly)	1 500	6 000	16 000

Limitation for Usage of MindSphere Cloud Resources in connection with Package Builder for Siemens	
Package Builder for Siemens	Base Environment
Event Types	25
Subtenants	1 000
Time Series Data Ingest Rate ¹	1 x configured Time Series Data Ingest Rate (burst limit 2 x configured Time Series Data Ingest Rate)
Time Series Data read/compute	1 800 KB/s
Users	1 000

¹⁾ For uninterrupted operations of an application in a Base Environment, Time Series Data Ingest Rate will support up to 2 times the quota included in the Package on the Base Environment to ensure smooth operations during temporary peak loads. It can support temporary spikes for a small timeframe if the ingest is beyond limits included in the Package. This limit is there to cover the sudden spike in data ingest and should not be associated with continuous data ingestion.