DataHub - SignalGroups - machineToolUsage

General Description

Service name	machineToolUsage
Description	General usage information about the machine. This data are send always
Condition	Enabled on the machine & requested by the DataHub
Customer controlled	☑
Enabled er default	☑
Use case	Usage information for service
Publish interval	24 h
Variable publish interval	☐

Additional Remarks

Configuration/CCM parameter

- enabled / disabled

Related Jira issues

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
SWSMDC-1757	DataHub, MachineToolUsage	🔖	Apr 16, 2021	Jun 22, 2021		Di Sarno Marco	Damm Jens	⌃⌃	DONE	Done
SWSCE7PB-3374	SPIKE: DataHub interface	☑	Apr 22, 2021	Jul 08, 2021		Unassigned	Damm Jens	⛔	OPEN	Unresolved

2 issues

Device twin parameter

Parameter	Format	Description	default value, if not given in device twin
enabled	boolean - true/false	Indicates if *machineToolUsage* is activated at the machine. This parameter is reported by the MDC all the time. - reported property The property is reported by the MDC according to the desired property. Reported property should always be the same value as desired property. - desired property The desired property is written by the DataHub. Only if the desired property is written to "true", the service related data point are send	false

Data point list for this signal group

Data Point	Description	Data Type	Long Name	Data Point Type	Availability SIEMENS	Availability Heidenhain	Availability FANUC	Availability MAPPS
systems.machine. operationTime	Time the machine has been operating NC programs in automatic mode	int		probe	YES	YES UDI	YES	YES
systems.machine. powerOnTime	Time the machine was switched on with enabled drives	int		probe	YES	YES UDI	YES	YES
systems. machineController. PLCRuntime	Time the machine was powered on, with or without enabled drived	uint		probe	YES	YES UDI	YES	YES
systems. machineDataConn ector. machineConnectio nEstablished	information about the connection status of the machine	bool ean	Machine Connecti onEstabli shed	event	YES	YES	YES	YES
spindles.spindle [N].operationTime	Operation Time of a spindle	uint		probe	Partly	YES	Partly	NO