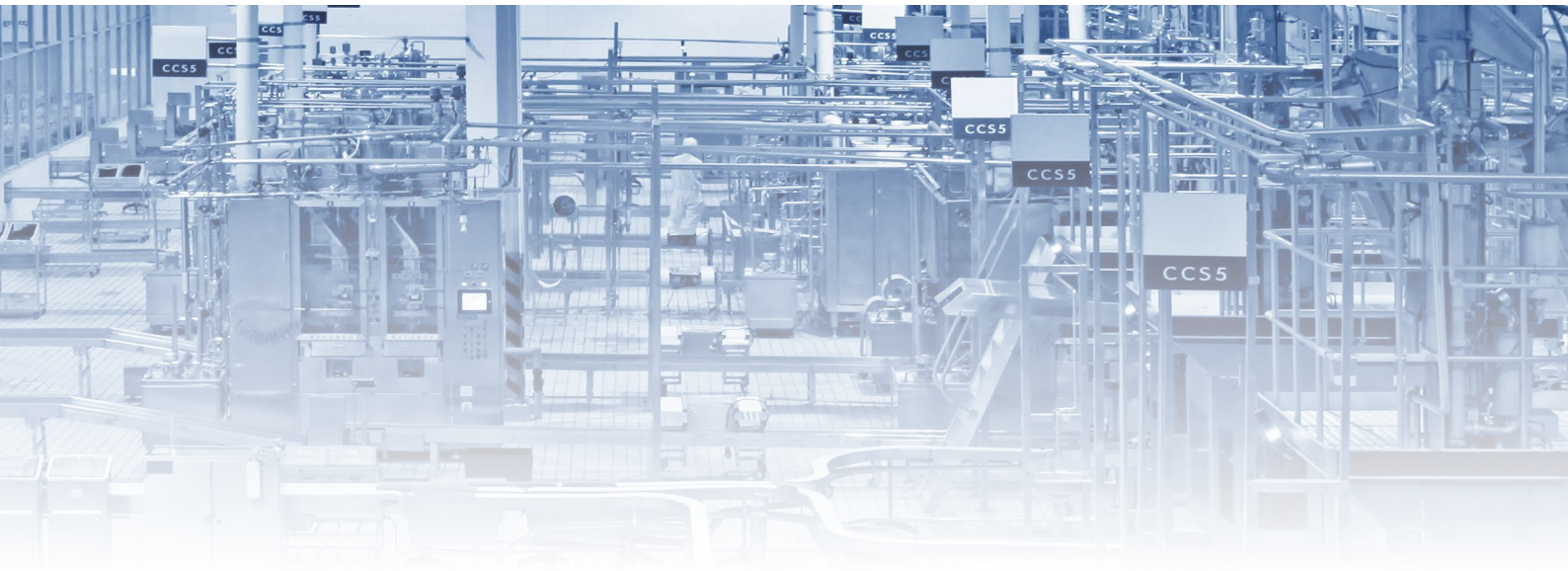


TOSHIBA

Unified Controller

Vm Series typeS



Swift

Swift control system
by 0.5ms scanning
for large scale.

Superior

Superior system
configuration for network
and secure system

Symphonic

Separated system are
integrated into one unit as
Symphonic

Edge-Computing platform for IoT-type controller. Real-time processing.



Swift

Swift Real-time control based on the EDGE concept (with high processing and forward process is enable with internal control model)

- 0.5ms High Speed scanning for large scale monitoring.
- process near-by factory machine on the controller is achieved with internal computer information system.

Superior

This large scale edge device provides the means to reduce bandwidth and IOT communication and provides the speed for high quality accurate real time process control.

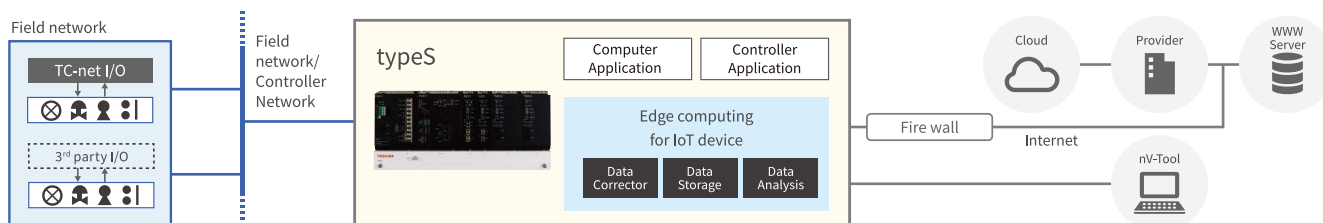
- Local storage of data means NOT everything is available in the cloud and is separate from the IOT.
- Only data needed remotely needs to be sent.
- Many security options are readily available.

Symphonic

Separated system are integrated into one unit as Symphonic.

- Max 4 systems is able to be integrated into one unit base.
- Computer system is available to be integrated into one platform.

System configuration



Specification

Items	Description
Control method	Stored program/cyclic scan
OS	Linux or Windows 10 IoT Enterprise (32bit)
Controlling Numbers /Unit	Max 2 /unit(Single base) Max 4 /unit(Multi base)
Program size /system	256K Step
local variables /Global variables /system	256K Word
I/O variables /system	16K Word
Processing Speed	load Boolean type bit Execution time :6.25ns
Task type	•SS(Super Speed):0.5 ~500ms •HS(High Speed):0.5~500ms •MS(Main Speed):0.5~1,000ms
Programing Language	IEC61131-3 Language 4 types •LD (Ladder) •SFC (Sequential Function Chart) •FBD(Function Block Diagram) •ST (Structured text)
I/O Slot Number /system	32 Nodes ,512Slots (Remote I/O)
I/O pts /system	DI/DO pts
	32,768pts/32,768pts
	AI/O pts
	4,096pts

Toshiba Infrastructure Systems & Solutions Corporation

Industrial Systems Division

72-34 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, 212-8585, Japan TEL: +81-44-331-1694

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● The information contained herein is valid as of March 2020. ● Photographs are simulated images.

EG16093
202003(TBLS)