

Data linkage software between production facilities and host systems

OPC Spider

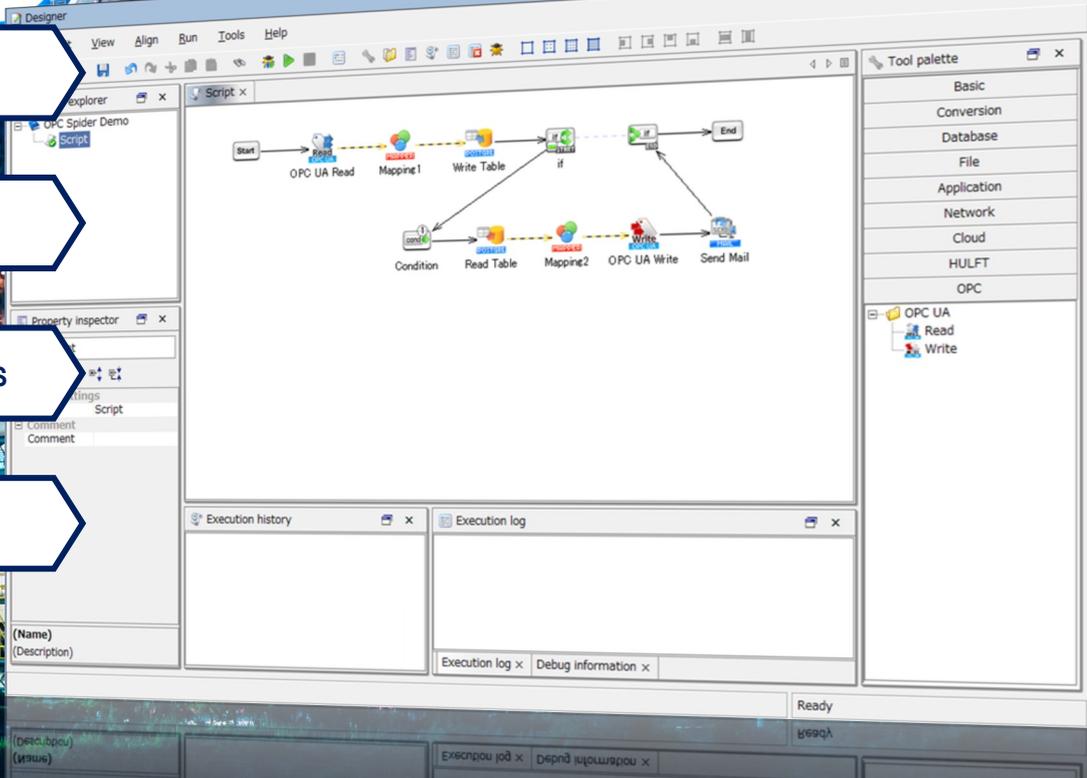


OPC UA Supported

No programming required

Reduce development costs

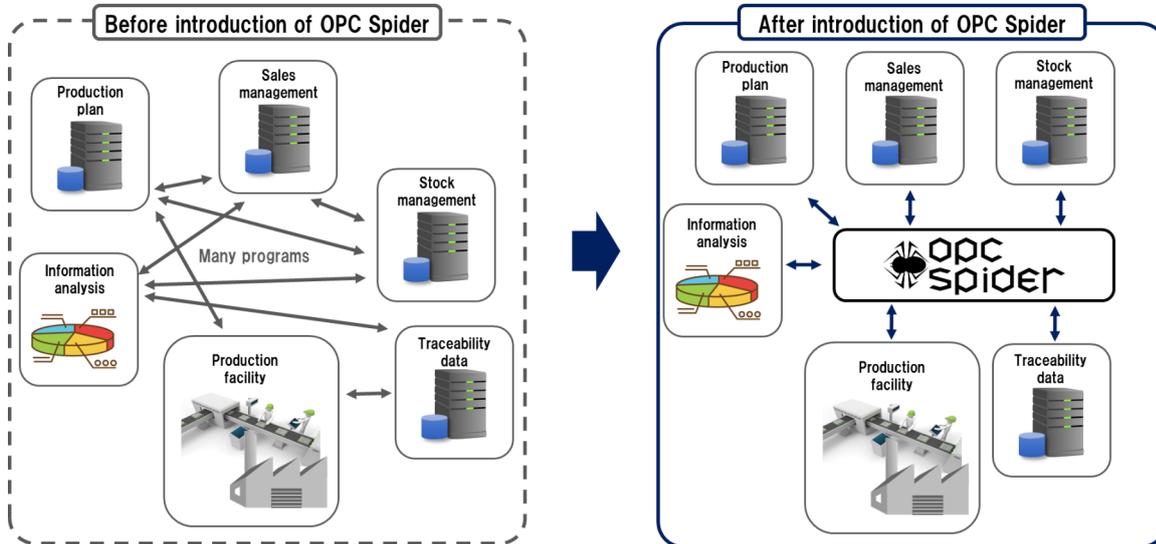
Reduce handoffs



Data linkage between a production facility and a host system with only a few clicks

Overview

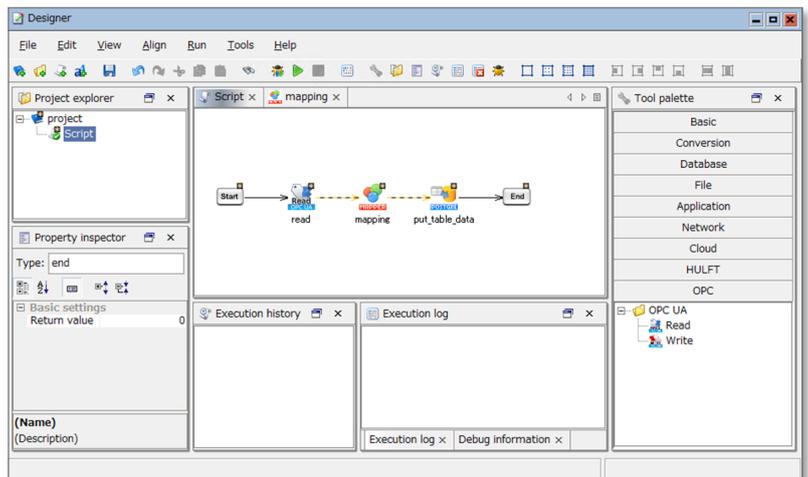
Utilized as a data linkage hub to shorten the development term and reduce costs.



Features

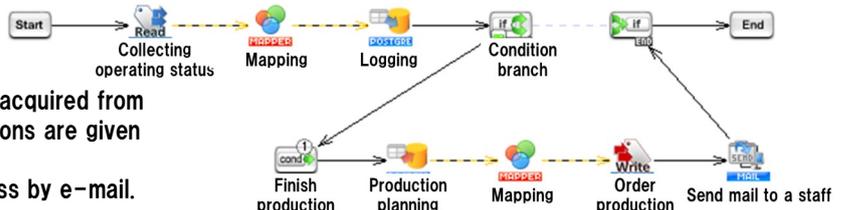
No programming required

- ◇ Includes adapters and conversion processing for various input / output types.
- ◇ Also includes various triggers for execution.
- ◇ Drag and drop the icon of the adapter, create a data linkage process, and set a trigger.
- ◇ Data linkage process will execute when the trigger condition has been fulfilled.



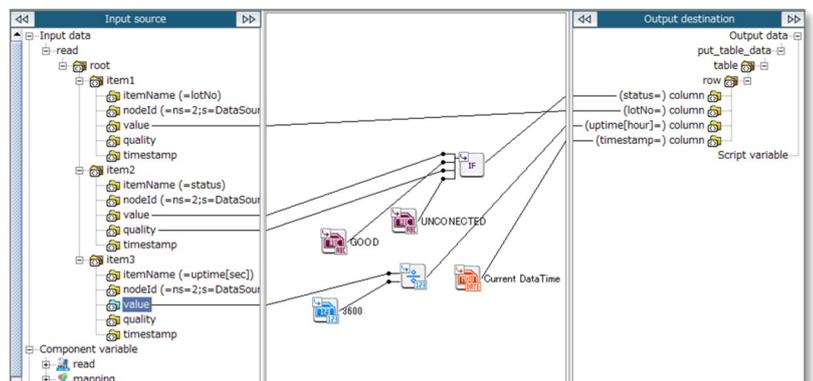
Possible with up to 10 icons!

- Operating status of the production facility is logged in a database.
- After production is completed, the next plan is acquired from the database and the next production instructions are given to the facility.
- The administrator can be notified of the progress by e-mail.



Easy mapping

If you want to connect different types of data to each other, you can convert the data to a common format and handle it as if it were the same kind of data by using the built-in GUI mapping tool.



Auto-creation of specifications

- ◇ Able to output specifications from a created script.
- ◇ Able to check and hand off processed data with ease.

No.	Name	Type	Input data	Memo
1		start		
2	OPC UA Read	Read		
3	Mapping1	Mapping	OPC UA Read	
4	Write Table	Write Table	Mapping1	
5	If	Conditional Branch		
6		End Conditional Branch		
7		end		
8	Read Table	Read Table		
9	OPC UA Write	Write	Mapping2	
10	Mapping2	Mapping	Read Table	
11	Send Mail	Send One E-mail		
12	Condition	Condition		

Script Specifications

1. Summary

2. Detail

• Name
Script

• Script

• Version
1

• Date modified
2018/09/21 09:32:00

• Script variables

• Transaction attribute
Summits

• Mass data processing
Disabled

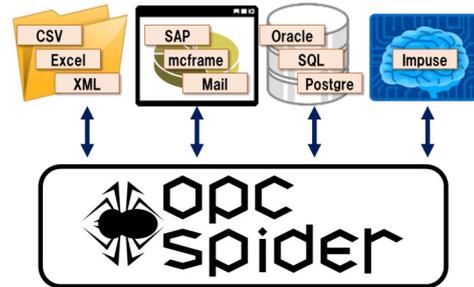
• Script screenshot

Component list

No.	Name	Type	Input data	Memo
1	start	start		
2	OPC UA Read	Read		
3	Mapping1	Mapping	OPC UA Read	
4	Write Table	Write Table	Mapping1	
5	If	Conditional Branch		
6		End Conditional Branch		
7		end		
8	Read Table	Read Table		
9	OPC UA Write	Write	Mapping2	
10	Mapping2	Mapping	Read Table	
11	Send Mail	Send One E-mail		
12	Condition	Condition		

Rich connectivity

- ◇ Includes several adapters for connectivity with various applications (OPC UA, various file types, databases, BI tools, cloud, etc).
- ◇ OPC Spider can act as a data linking hub.

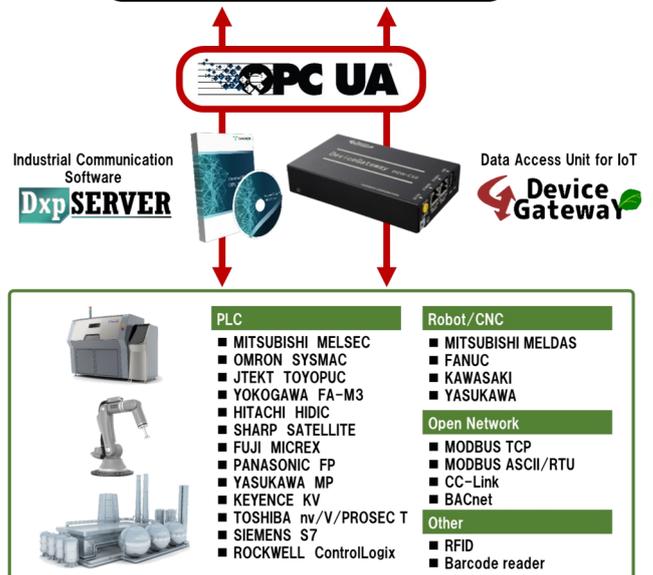


OPC UA Compatibility

- ◇ Supported by OPC UA which is the de-facto standard for data exchange in the industrial field.

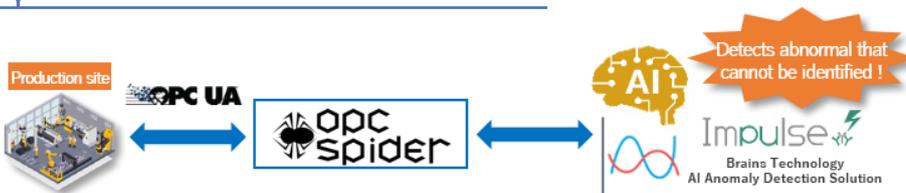
<Supported OPC UA Profiles>

- Data Access
 - Read / Write
- Historical Access
 - Read



※ For details about our OPC products, please refer to the "DeviceXplorer OPC Server, and "DeviceGateway" product catalogs.

AI Solution (Impulse Linkage)



OPC Spider's Impulse Adapter can be used to link with Brains Technology's "Impulse" anomaly detection system. OPC Spider can send equipment data, retrieve inference results, and feed them back to the equipment, enabling the linkage of production line operating data to the AI platform to improve productivity.

