

DATA SHEET

# Feature list comparing Compact Product Suite to System 800xA



Compact Product Suite is based on the same technology as the 800xA DCS system. This feature list is a comparison of Compact Product Suite and System 800xA, it gives you an idea of the differences between the two offerings when using all the Compact Product Suite products together in an integrated solution compared with System 800xA.

	Compact Product Suite	System 800xA
<b>Customer Needs</b>		
Customer asks for PLC	•	
Customer asks for HMI	•	
Customer asks for DCS		•
Number of Operator Workplaces	1-10	1-80
Number of values to display from controller	<10 000 signals	<120 000 Tags
HMI acts as OPC client	•	•
Only PLC is required	•	
SMS and e-mail messaging	•	•
Foundation Fieldbus		•
Hart		•
Profibus - Cyclic data	•	•
Profibus - Acyclic data	•	•
Same HW is required for PLC and DCS	•	•
Get HMI & control data to other systems via OPC	•	•
Audit Trail	•	•
Advanced Access Control	•	•
Digital Signature	•	•
Calculation Engine	•	•
PC, Network and Software Monitoring	•	•
PLC Connect Dial-Up	•	•
Control engineering as separate application on LapTop	•	
IEC 61131-3 Control Engineering	•	•
Function Designer Control Engineering		•
Safety Controllers	Control Builder Safe	•
Process Control Device Library (PCDeviceLib)		•
PLC Device Library	•	
Asset Optimization		•
Batch Management		•
Redundancy		•
Servers	•	•

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