

Velkommen til Siemens Webinar: SIMATIC PCS neo

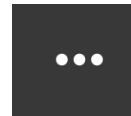


Velkommen! Vi begynner 09:05

- Vi tar opptak av webinarret (blir delt senere)

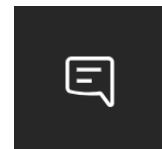


- Anbefaler aktivering av full-skjerm:



 Fullskjermmodus

- Vi tar gjerne spørsmål i chatten og vi går gjennom disse til slutt.





SIMATIC PCS neo



SIMATIC PCS 7

S7-400 PLS med tilbehør

ET 200iSP – Egensikker I/O for montering i Ex sone 1

Feltbussløsninger for prosessinstrumentering

Prosess-sikkerhet

Simulering med SIMIT Simulation Framework



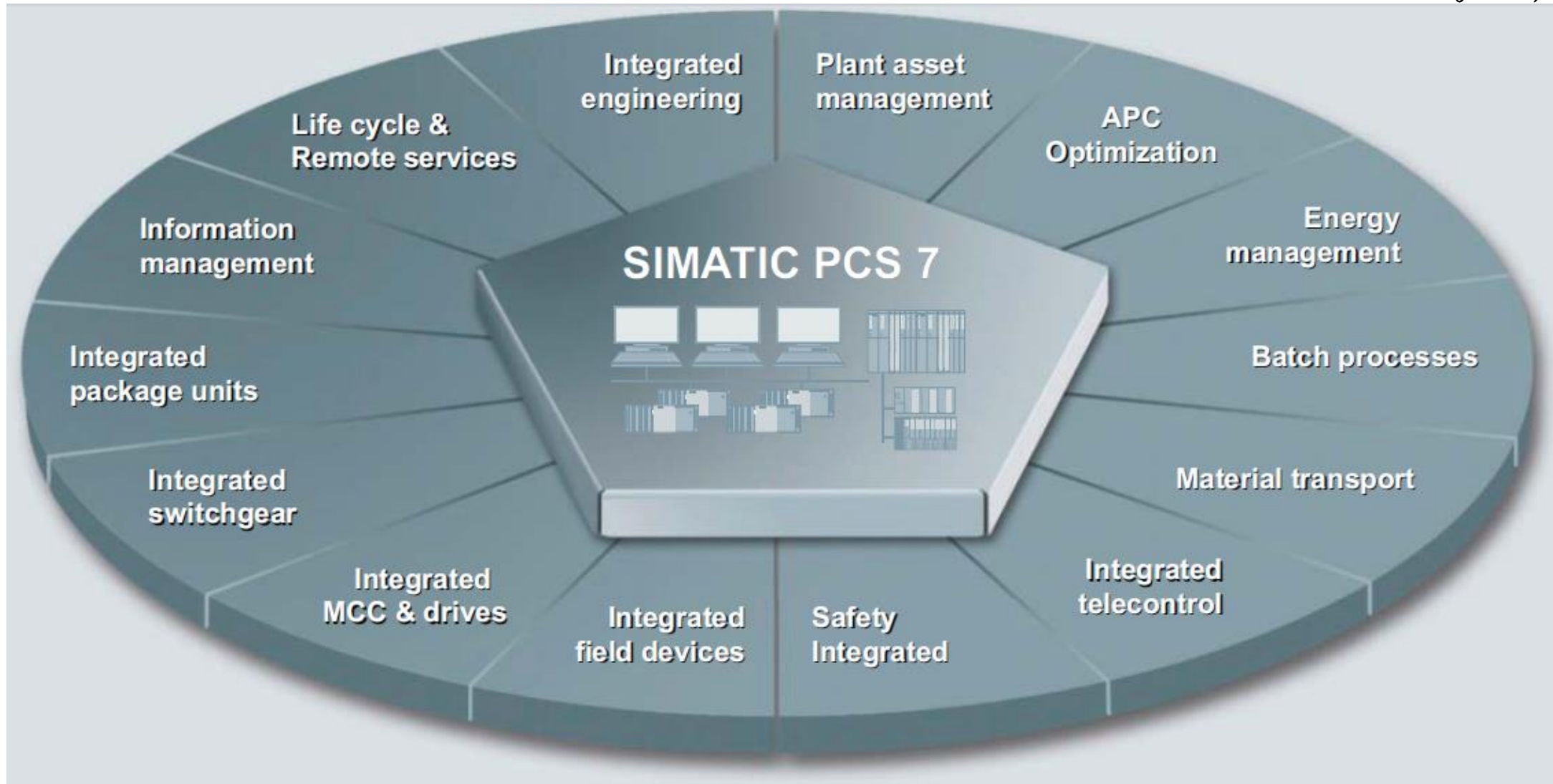
Komponenter fra Simatic familien



- testet i sammenheng for prosess-automasjon

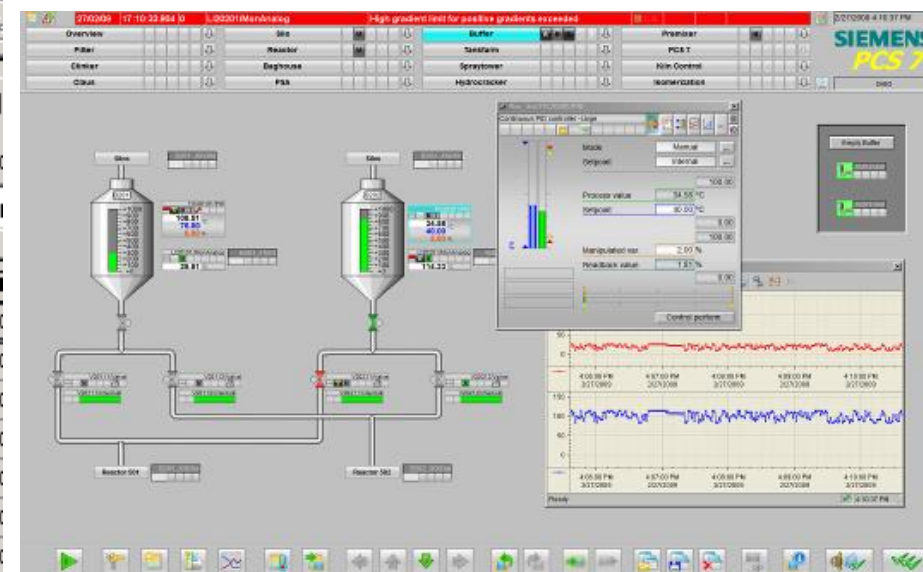
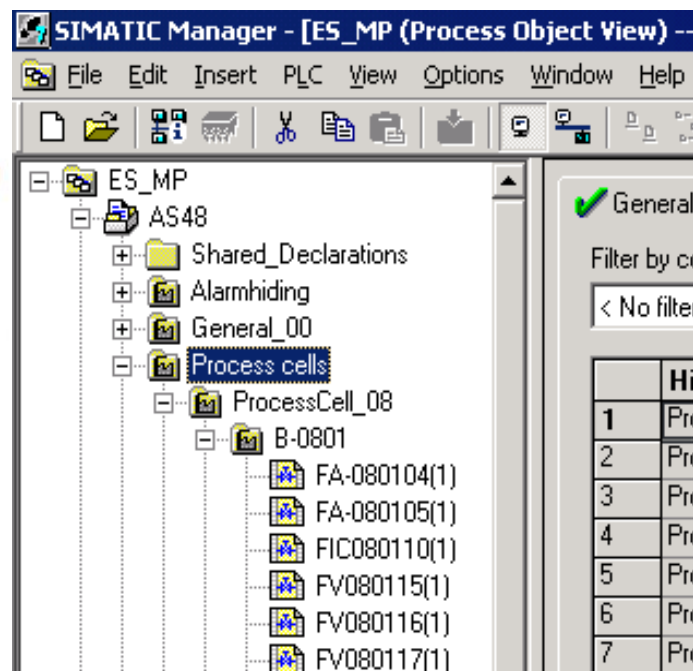
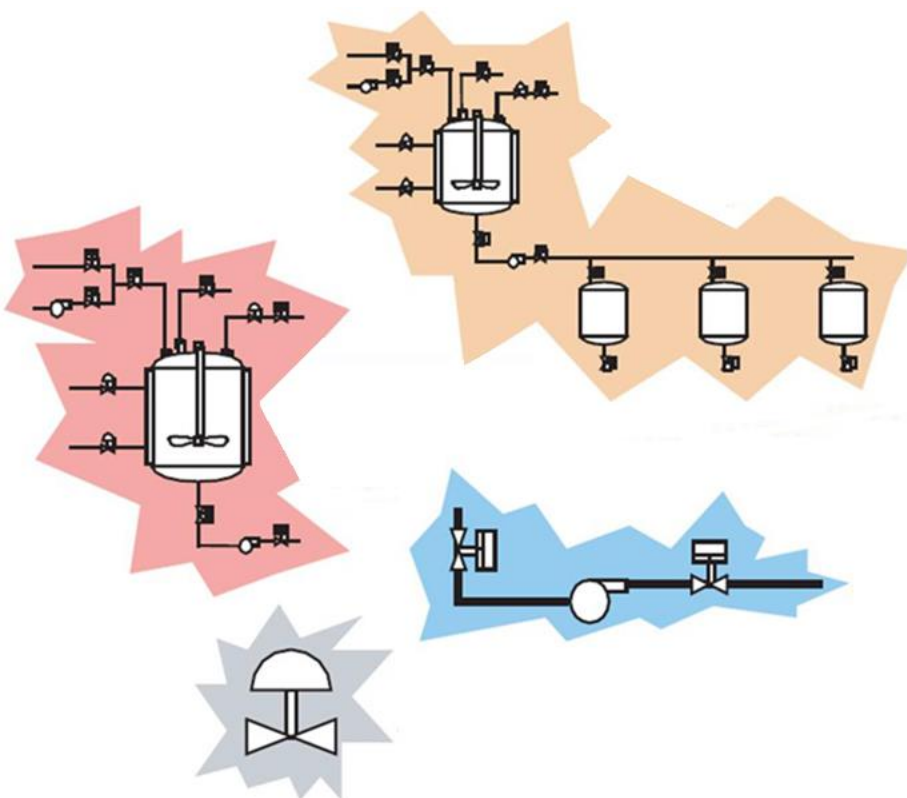
SIMATIC PCS7 - Én plattform med funksjoner for å løse alle behov

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Oversiktlig engineering

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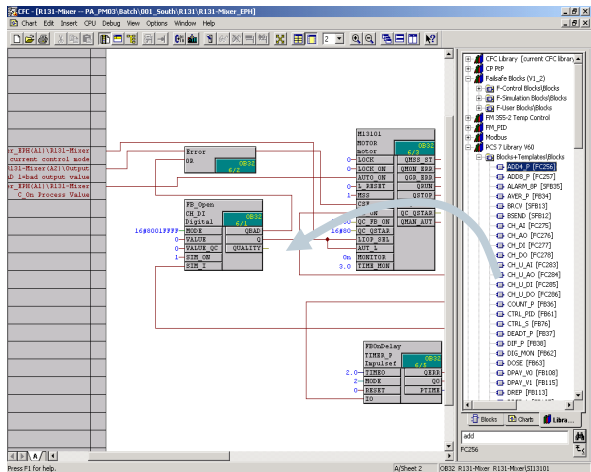


Prosessoversikt

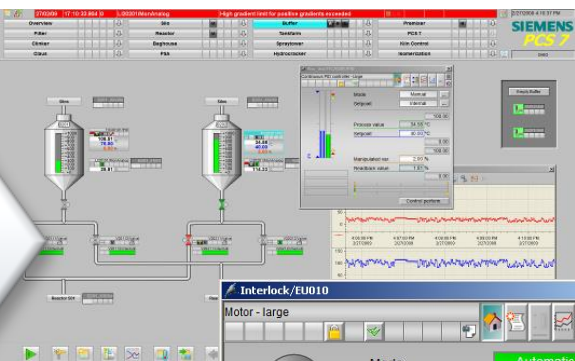
Prosjektstruktur
med anleggs-
hierarki

Struktur skapt
automatisk i
operatørmiljø

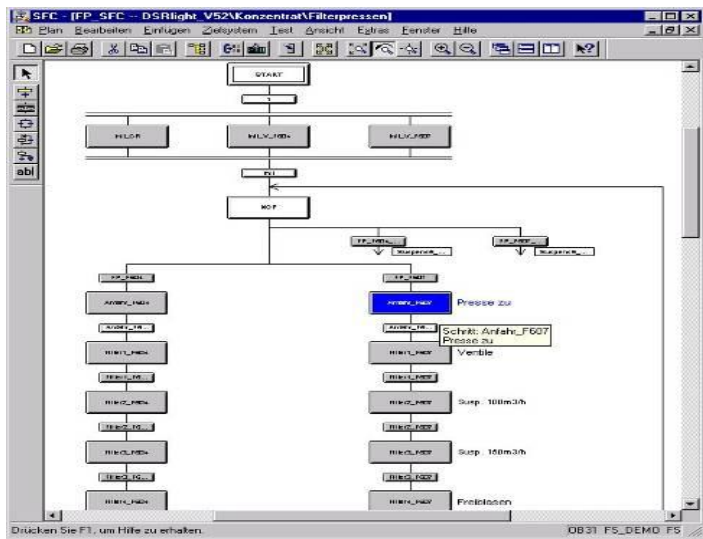
Standardisering



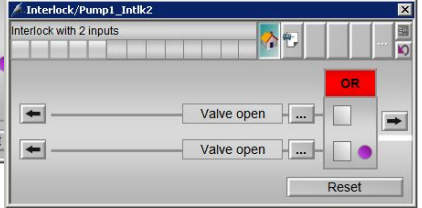
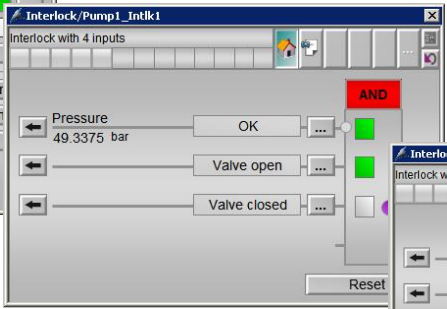
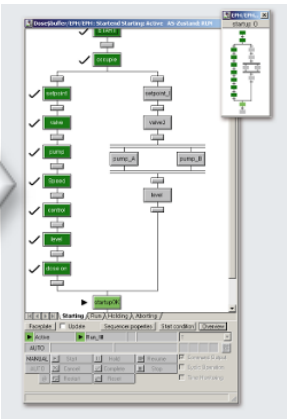
Drag'n drop, fra standardbibliotek



Datum	2 Uhrzeit	3 Priorität	4 Markunt	5 Ereignis	6 Zustand	7 Info	8 Komme Charge Name
1	29.01.09	15:58:18.485	10	MotorDruckHinten	PV - Obere Alarmgrenze verletzt	K	
2	29.01.09	15:58:19.485	10	MotorDruckHinten	Grenzwert (oben) für den positiven Gradienten verletzt	K	
3	29.01.09	15:58:05.085	10	Heat_ExchangePID_Erhitzer	PV - Obere Alarmgrenze verletzt	K	
4	29.01.09	15:59:04.185	9	Heat_ExchangeFluss_Heissvase	PV - Obere Alarmgrenze verletzt	K	
5	29.01.09	15:59:04.185	9	Heat_ExchangeFluss_Heissvase	Grenzwert (oben) für den positiven Gradienten verletzt	K	
6	29.01.09	15:59:19.485	6	MotorDruckHinten	PV - Obere Warngrenze verletzt	K	
7	29.01.09	15:59:05.485	5	Heat_ExchangePID_Erhitzer	PV - Obere Warngrenze verletzt	K	
8	29.01.09	15:59:04.185	4	Heat_ExchangeFluss_Heissvase	PV - Obere Warngrenze verletzt	K	
9	29.01.09	15:59:04.084	0	Heat_ExchangePID_Erhitzer	Rbk - Obere Warngrenze verletzt	K	



Sekvensprogram skaper automatisk visning i HMI

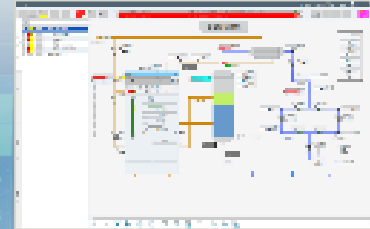
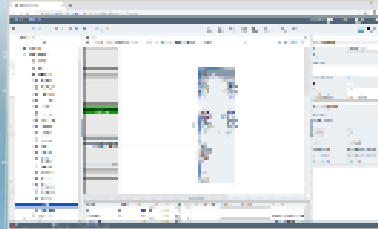


Process Automation - DCS

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SIMATIC PCS 7



SIMATIC PCS neo



SIMATIC DCS Hardware

**SIMIT
Simulation
Framework**

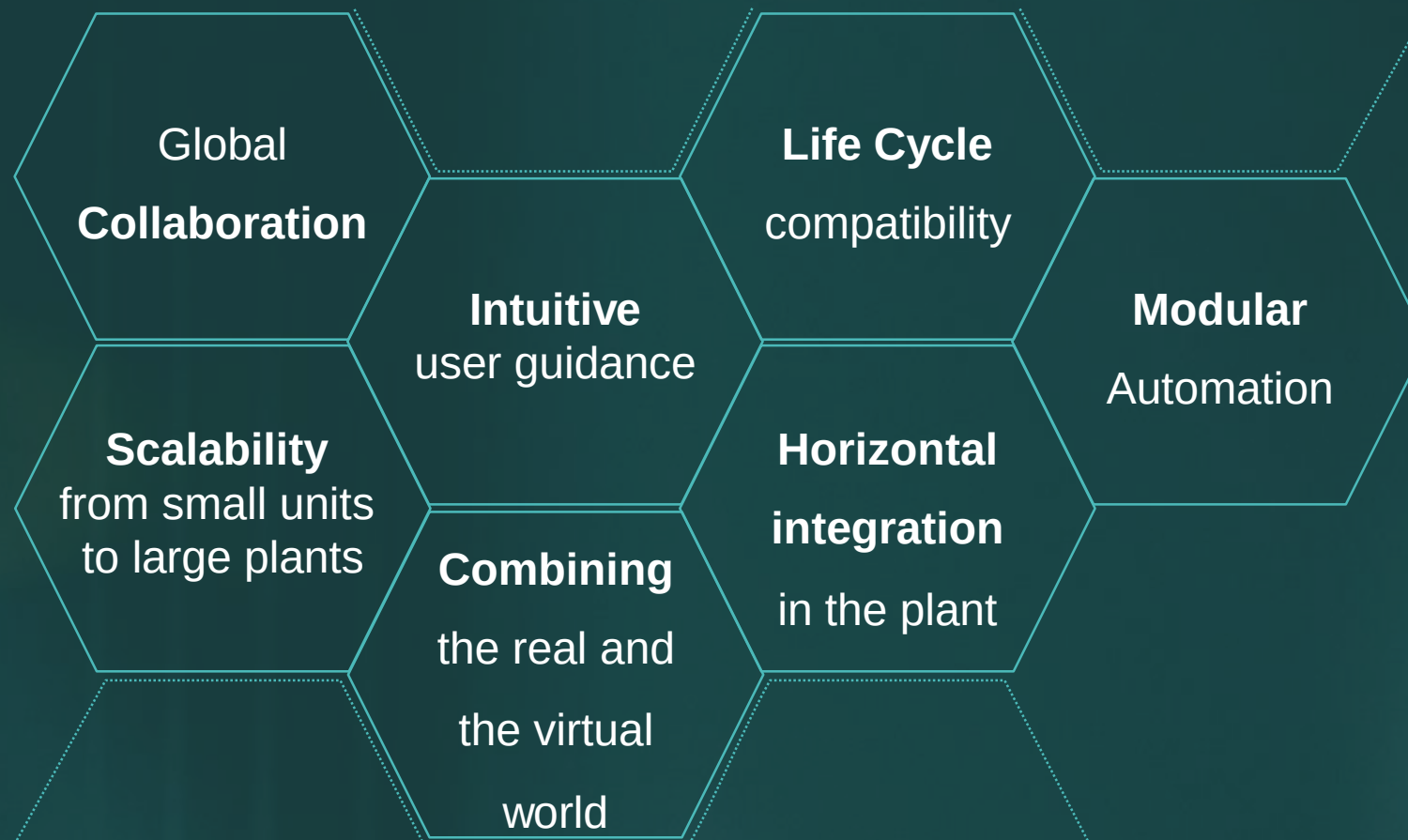


SIMATIC PCS neo

Utviklet med bakgrunn i prosessindustriens krav



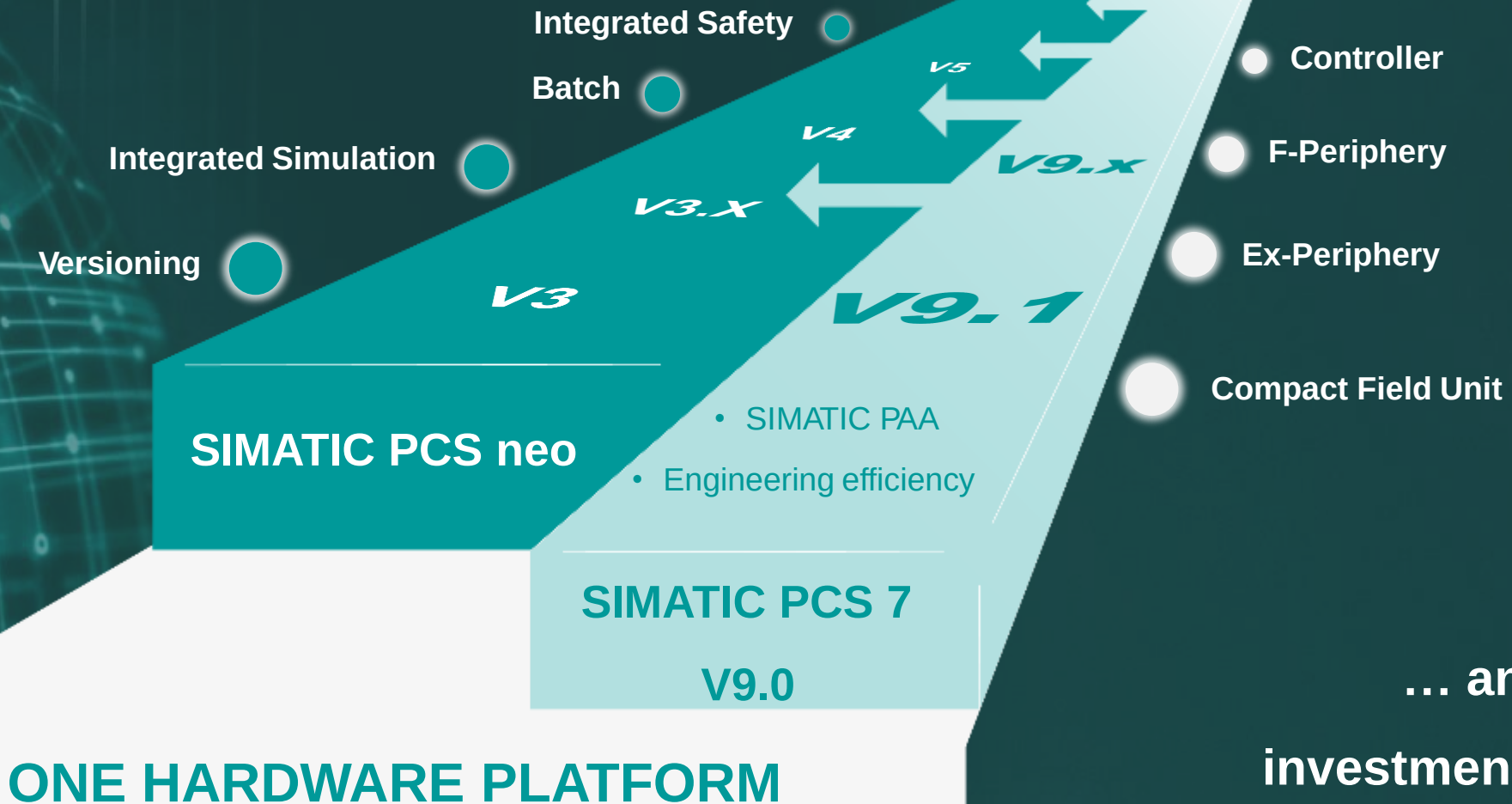
Process Industries





Live Demo

The common hardware basis
for future innovation...



... and maximum
investment protection!

Takk for oppmerksomheten



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Take a closer look ... From Engineering to Monitoring & Control

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The image displays the Siemens HMI2019 software interface, illustrating the transition from engineering to monitoring and control. The interface is divided into several panes:

- Equipment List:** A tree view on the left showing the project structure, including 'SepColumn', 'Separation', 'Analyzer', 'OilLoop', 'Tank', 'WaterLoop', and various equipment like 'EC05204', 'EC05213A', 'EC05213B', 'EIA05207', 'FIC05208', 'LS05111', 'LS05203', 'LS05214', 'Motor_Sel', 'PI05200', 'PI05201', 'PI05202', 'PI05205', 'PI05212', 'PI05303', 'TI05210', 'TI05302', 'Y05600', 'YC05209', 'YG05201', 'YG05202', 'YG05206', 'YG05211', and 'YG05601'.
- Valve Properties:** The central pane shows the properties of a selected valve, 'YG05601_V'. It includes a list of actions (e.g., 'OpenAut', 'CloseAut', 'ModUp', 'ModDown', 'RdyToStart', 'RdyToReset', 'LocalLi', 'LocalDi', 'OpenLocal', 'CloseLocal', 'FbkOpen', 'FbkClose', 'FbkOpenOut', 'FbkCloseOut', 'Monitor', 'MonTiStatic', 'MonTiDynamic', 'MonSafePos', 'SafePos', 'RstLi', 'Permit', 'Intlock', 'Protect', 'OpenForce', 'CloseForce', 'CtrlChnST', 'FaultExt', 'CSF', 'ExtMag1', 'SelFp1', 'SelFp2', 'Feature', 'Feature2', 'EndAcquire') and a table of variables.
- Instance Data:** The right pane shows the instance data for the selected valve, including 'Name' (YG05601_V), 'Type' (VVL), 'Comment', 'Program block' (FB1034), 'Enable readback' (checked), 'Task' (default), and 'Additional task' (Warm Restart).
- Monitoring & Control:** The bottom right pane shows a detailed process diagram of the 'Separation' process. It includes a large vertical tank with a green liquid level, surrounded by various pipes, valves, and equipment. The diagram is annotated with numerical values and labels for different components.

The interface also includes a top menu bar with options like 'Project', 'Edit', 'Session', 'Online', 'Tools', 'Views', 'Help', and 'Internal'. A status bar at the bottom indicates 'Project HMI2019 opened'.

