FESTO

http://en.wikipedia.org/wiki/File:LaserRecorder.jpg

Tool Book

HTML5
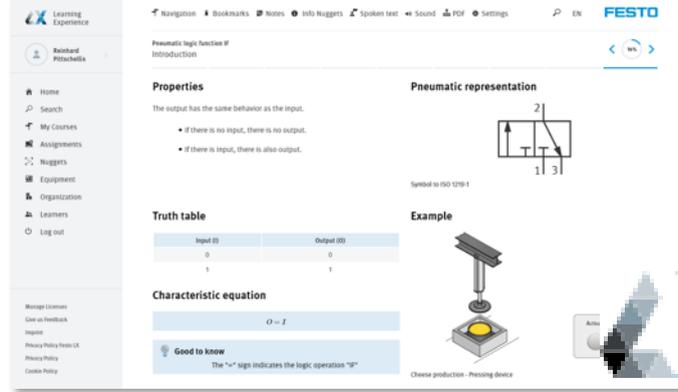
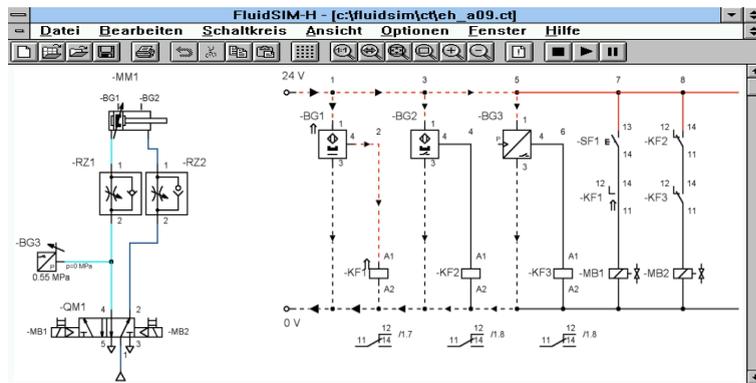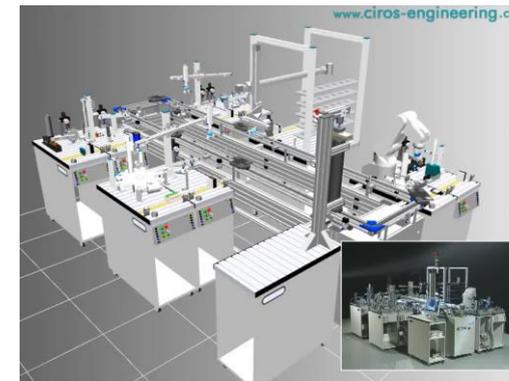Early 1990's: **FluidStudio** - Learning Program forPneumatic & Hydraulic on Laserdisc

2021: **Festo LX** – a fully integrated online Learning Portal

2018: **AR & QR App**: Delivering InforMation on Smart Devices

Early 1990's: **FluidSIM** Simulate Fluidic and electric circuits

Early 1990's: Cosimir (now **CIROS**) Simulation of robots & complete Learning Factories

Key learning and Conclusions from 30 years of Experience by Festo

Key Learnings

- Digitalization must not add another level of complexity to the learning process!
- Avoid need for complicated installation processes, passwords, dongles, administrators etc.
- Teacher is key: He has to see a benefit for his lessons! Train him first!

Chances by Digitalization / Online Learning:

- Online Learning can avoid need for installation etc., just password is enough
- Online trainings can help to relief teachers and help them to keep pace with technical progress

Further Information

- Link to Festo LX: https://lx.festo.com (registration free of charge)
- Festo LX on Youtube: https://www.youtube.com/watch?v=WqTzsMItYDI
- Festo FluidSIM: https://www.festo-didactic.com/int-en/news/fluidsim-6.htm?
- Festo CIROS: https://www.festo-didactic.com/int-en/learning-systems/factory-automation-industry-4.0/focus-trending-topics-i4.0/digital-factory/factory-simulation/ciros-professional-training-in-virtual-learning-environments.htm?
- CIROS on Youtube: https://www.youtube.com/watch?v=7Kp6uM1xSPY