Connected 3D virtual environments for manufacturing plants

FIIF Jam Session 9.2.2015
Mikko Mäki-Rahkola, Pesmel Oy

Twitter: @mikkomr @pesmel
Pesmel – Enabling the Smart Factory

Level hierarchy based on standard model ANSI/ISA-95.
Idea details

• Factory customer problems
  • Poor and complex user experience
  • Positioning cumbersome
  • Physical vs. information worlds don’t meet

• Solution ideas
  • Real time 3D visualization of production lines and data points
  • Factory environment modeling by camera, Google Views/Glass
  • Inside building positioning for all moving objects
  • Integration of analog signals to 3D (camera stream, audio)
Thank you!