Prospectus

Established in 1995

Located in Portland, Maine

20+ YEARS of developing connectivity software for the Industrial Automation Industry

Extending PTC’s reach in Manufacturing with industrial connectivity solutions for the IoT

120+ Employees

Strong History of Growth and Expansion

Industries Served:
- Manufacturing
- Oil & Gas
- Building Automation
- Power
- IT & Infrastructure

Best Places to Work in ME

Control Engineering 10 Years

2016 Engineers' Choice Awards Winner

First Team Leadership in Automation 2015

2016 Bronze Stevie Winner for Sales & Customer Service

Processing's Breakthrough Products 2015

Product of the Year

Control Choice Awards

Kepware
KEPServerEX Connectivity Platform

- Offers a library of 150+ device drivers, client drivers, and advanced plug-ins—supporting thousands of devices and other data sources

- Provides industrial operations data to traditional Industrial Automation clients (via OPC and proprietary protocols) and new IoT solutions (via MQTT and IT-centric protocols)

- Meets the highest standards of quality through third-party validation
Kepware and OPC

OPC Foundation member since 1998

OPC Specifications:
- OPC Data Access (DA)
- OPC Alarms and Events (AE)
- OPC Historical Data Access (HDA)
- OPC XML Data Access (XML-DA)
- OPC .NET
- OPC Unified Architecture (UA)
Industrie 4.0 and the Smart Factory

Key advantages of smart factory production:

• Self-aware factory units
• Manufacturing optimized for an individual customer
• Resource efficient production
• Machine adaptability to human work cycle

Source: DFKI/GTAI
Self-aware Factory Units

Manufacturing Execution System

Production Line
Self-aware Factory Units
Self-aware Factory Units

Manufacturing Execution System

KEPServerEX®

Production Line

OPC® • OPC UA
Self-aware Factory Units

ERP

Plant MES

Big Data/Analytics

Production Line
Self-aware Factory Units
Self-aware Factory Units
KEPServerEX Roadmap

• **OPC UA**: Native development of core OPC UA technology
  – Improved performance, stability, and diagnostics
  – Creates a foundation for support of higher level OPC UA features, including:
    – Nano Profile
    – Discovery
    – Complex Data
    – Methods
    – Historical Data
    – Alarms & Conditions

• **Localization**: German and Japanese translation for core functions and key drivers
• **Configuration API**: REST-based API for the configuration of channels, devices, and tags
• **Licensing**: Improved experience for online servers, annual support, and demo trials
• **User Interface**: Unified project browser, standardized property model grid, improved wizard, and more