Global Edge® Integrated Manufacturing

Demonstration Outline

Global Edge® Integrated Manufacturing is an innovative, affordable, and practical to implement Windows or Red Hat Linux based **"Out-of-the-Box"** software solution that works with and supplements exiting software technologies. The following demonstration outline / timeline illustrates the time savings that can be achieved utilizing **Global Edge® Integrated Manufacturing**:

Demo Section 1: ERP / MES Interface (Optional)
- 1.1 – Automated ERP Download / Upload
- 1.2 – ERP / MES / Shop Floor Integration
- 1.3 – Data Mapping

Duration: 10 Minutes   **Elapsed Time:** 0:10

Demo Section 2: SolidWorks CAD Interface / Manufacturability Testing
- 2.1 – Single Sheet Metal Part Processing / Manufacturability Testing
- 2.2 – Assembly Model Processing / Manufacturability Testing
- 2.3 – Sheet Metal Part Batch Processing / Manufacturability Testing

Duration: 20 Minutes   **Elapsed Time:** 0:30

Demo Section 3: Document Interface / Quoting
- 3.1 – Outlook Interface / Incoming Information
- 3.2 – DXF Flat File Processing / Manufacturability Testing
- 3.3 – Automated Sales Quote / Routing Generation

Duration: 20 Minutes   **Elapsed Time:** 0:50

Demo Section 4: Engineering Management
- 4.1 – Bill of Materials Management / Product Configuration
- 4.2 – Document Management / CAD Interface

Duration: 20 Minutes   **Elapsed Time:** 1:10

Demo Section 5: Integrated Manufacturing
- 5.1 – Automated Job Build / Scheduling
- 5.2 – Workstation Screen / Load Balancing / Schedule Export
- 5.3 – Production Dashboard
- 5.4 – Shop Floor Data Collection / IoT (Internet of Things) Connectivity
- 5.5 – Automated Production ERP Upload

Duration: 20 Minutes   **Elapsed Time:** 1:30

Demo Section 6: Integrated Financials
- 6.1 – Order Entry / Invoicing / Accounts Receivable
- 6.2 – Accounts Payable / Purchase Order
- 6.3 – Inventory Management
- 6.4 – General Ledger / Bank Account
- 6.5 – Payroll Time & Attendance

Duration: 30 Minutes   **Elapsed Time:** 2:00

Open Discussion / Review

Duration: 30 Minutes   **Elapsed Time:** 2:30