



JON RENEBERG

Lead Digital Manufacturing Specialist

Jon spearheads the technology acceleration practice at Purdue MEP, empowering manufacturers with advanced capabilities like collaborative robotics, 3D printing, and automation. With over two decades of experience, he holds a deep expertise in data automation, process safety, and EHS management. His background spans supply chain and software development, enabling him to bridge the gap between technology and operational excellence. As a UX/UI advocate and passionate tinkerer, Jon utilizes rapid prototyping and holds a patent for a fall protection system, combining technical expertise with creative problem-solving.

EDUCATION

M.S., Safety Sciences, Indiana
University of Pennsylvania

B.A., Business, William Penn
University

CERTIFICATIONS

Certificate of Achievement -
Demystifying AI, Understanding
Risks, and Shaping the Future (D2L)

AI Foundation Model Basics (D2L)

AI Prompt Engineering - Course
Completion (D2L)

Commercial Drone Pilot (Federal
Aviation Administration)

SKILLS & EXPERTISE

Project Management

Rapid Prototyping

Systems Thinking

Additive Manufacturing/3D Printing

Software Development

Data Automation

Risk Assessment & Root Cause
Analysis

Machine Safeguarding & Process
Safety

Problem Solving

User Experience (UX)

PROFESSIONAL EXPERIENCE

Purdue MEP; Since 2023

- Lead Digital Manufacturing Specialist (current)

3M; 2002 – 2023

- Senior/Specialist Data Automation Engineer
- Senior Environment, Health, & Safety Engineer
- Advanced Process Safety Engineer
- Behavior Based Safety Coordinator
- Purchasing Analyst
- Machine Operator

AWARDS & RECOGNITION

U.S. Patent 11260252: Methods and Apparatus for Generating Energy Using
Fall Protection Devices

3M Intellectual Property (N057480: IoT Safety Device)

3M Intellectual Property (N047578: Companion Data-Logger for 3M 718
Static Meter)



Manufacturing Extension Partnership