

{Assemblies, Connectors + Harnesses}

Driven by the performance of our technical cable, Northwire's Machine Vision Endurance products, now available in a catalog for the first time, will save you money. Leveraging the next generation of design and simulation capabilities that were used to engineer the innovative design and superior functionality of our Endurance assemblies, you'll collaborate with our designers in SolidWorks 3D for complex designs, mold designs and tooling. We'll improve communication, increase technical abilities and optimize design through Finite Element Analysis, Mold Flow Modeling and Extrusion Flow Modeling. Our disciplined use of these engineering applications ensure that your custom assemblies, connectors and harnesses are perfectly suited to meet your exact requirements.

Our Capabilities

Design

- SolidWorks 3D parametric modeling
- SolidWorks 3D parametric simulation and design validation
- AutoCAD 2D drafting
- SolidWorks 3D, Plastic Mold Flow Modeling
- Injection Molding
- SolidWorks 3D, Finite Element Analysis

Injection Molding Equipment

- Pyramid 10 ton shuttle table
- Gluco 10 ton shuttle table, 2 ounce shot, vertical injection, vertical clamp
- Toshiba, 190 ton clamp, 16 ounce shot, horizontal injection, horizontal clamp

Assembly

- Schleuniger, computer controlled cut and strip cable machine
- Artos, computer controlled cut and strip machine
- AM All-around jacket strippers
- Schleuniger Insulation strippers
- Label printers
- Shrink tube printers
- Molex K-presses
- AMP K-presses
- Cirris programmable electrical testers

{Contract Manufacturing}

Made in the USA for more than 4 decades, NWI is focused on manufacturing expertise. We complement your business with quality products and on-time delivery so you can focus on your core strengths. To fully optimize your business, we understand you must demand more from your strategic partner. When you need to free up your resources or balance capacity demands, now you can depend on your manufacturing expert for all of your contract manufacturing needs. And now, for added efficiency and convenience, we are pleased to introduce NWI Lab360, *your one-stop full service contract manufacturing provider.*

Need an innovative solution or custom design from manufacturing professionals? From Concept to Completion, NWI Lab360 is your contract manufacturer for Research and New Product Development, Pilots and Clinical Trials, Low Volume through High Volume Production, Logistics and Life Cycle Innovation. **Send your idea to Lab360 today!**

