**Manufacturing Myths – Debunked!**

**Myth #3**

Automation will eliminate jobs.

**Truth**

Jobs are changing, and new skills will be needed along with traditional expertise.

**Automation and Jobs**

“The evidence suggests structural unemployment will not increase due to automation.” (Information Technology & Innovation Foundation)

“These disparate findings suggest that the main impact of automation in the near future may be to cause a major reallocation of jobs.” (VoxEU.org/CEPR)

Automation helps the U.S. compete internationally, and the more successful it is, the more jobs will result.

Jobs Displaced by Automation:

<table>
<thead>
<tr>
<th>Net Gain</th>
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Job Growth in New Roles: (driven by new technology and automation)

One projection from 2018* says that by 2022, 133 million new jobs (worldwide) will be created, more than offsetting the 75 million displaced.

*Pre-Covid projection of global non-agriculture employment based on World Economic Forum survey

**Automation and Human Skills**

“Many manufacturers today are turning toward automation to supplement the low-skilled jobs they cannot fill and instead focus their existing workers on jobs that are either higher skilled or require uniquely human skills.” (Deloitte and The Manufacturing Institute)

“Nearly 70% of manufacturers said they are creating or expanding training programs for their workforce.” (Manufacturing Institute)

**How the MEP National Network Helps**

The New Mexico Manufacturing Extension Partnership helped Navajo Spirit, a manufacturer of Native American-inspired clothing, increase production and sales while creating jobs by integrating automation and retraining employees.

**Reduction Labor — Tasks being automated**

+ Routine
+ Repetitive
+ Predictable

**Increased Labor — Tasks that require humans**

+ Problem Solving
+ Adaptability
+ Creative Thinking

**Jobs are increasing in:**

+ Data analytics
+ AI and machine learning specialists
+ Software and application development

[Supplementary information and resources related to manufacturing, automation, and education can be found on the MEP National Network’s website, including details on their programs and services.]