

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous bright stars of varying colors, including white, yellow, and blue. In the upper center, there is a small, reddish-brown planet. On the right side, a large, detailed planet with a reddish-brown surface and some darker patches is visible, partially cut off by the edge of the frame. The overall lighting is soft, highlighting the textures of the planets and the density of the star field.

**NASA/MARSHALL SPACE  
FLIGHT CENTER**

**JOINT COUNSELING SESSION**

*Projects Unlimited, Inc.  
Jill Alexander*

**June 16, 2020**

# Background

<b>COMPANY NAME:</b>	Projects Unlimited, Inc.	<b>ADDRESS:</b>	6300 Sand Lake Rd. Dayton, Ohio 45414
<b>OWNER:</b>	Christopher Wyse	<b>CONTACT NAME:</b>	Jill Alexander
<b>EMAIL:</b>	info@pui.com <a href="mailto:alexander@pui.com">alexander@pui.com</a>	<b>YEARS IN BUSINESS:</b>	69
<b>CAGE CODE:</b>	04597	<b>DUNS NUMBER:</b>	004277869
<b>WEB SITE:</b>	<a href="https://www.pui.com">https://www.pui.com</a>	<b>NAICS CODES:</b>	334418,335931,334419,336413, 334511,334513,336415

<b>TOTAL EMPLOYEES:</b>	170
<b>AVERAGE SALES:</b>	41m

<b>CLASSIFICATIONS:</b>	<b>Yes/No</b>
<b>SMALL BUSINESS</b>	<b>YES</b>

# Quality Systems

## Quality Accreditations

- AS9100D
- ISO 9001:2015
- JCP CERTIFICATION
- NIST 800-171
- Nadcap Electronics
- CCA- Circuit Card Assembly
- CHA - Cable & Harness Assembly

## Training & Certifications

- ITAR Certified
- IPC-A-610
- IPC J-STD-001 Class 3 + Space Addendum
- IPC/WHMA-A-620
- IPC-7711 & IPC-7721
- FAA Certified Repair Station



# Skills & Processes

## Integrated Electronic Assembly

- Single, Multi-Layer, & Double-Sided Board Placement
- Rigid & Rigid-Flex Board Placement
- Automated Screen Printing
- SMT Placement & Reflow
- Placement of 0201 (0.6mm x 0.3mm) & 01005 (0.4mm x 0.2mm)
- Selective & Automatic Soldering System
- Through-Hole & Wave Soldering
- Conformal Coating
- BGA,  $\mu$ BGA Placement & Repair



# Skills & Processes (Cont.)

## **Cables and Wiring Harness Assembly**

- Branched Cables and Harnesses
- Integration Into Final Box-Level Assemblies
- Over-Braiding
- Protective Sleeving
- Shielding & Encapsulation Potting
- Compression & Injection Molding
- Ultrasonic Welding
- Laser, Hot Stamp, & Thermal Transfer Marking
- Ink Jet Printing





# Skills & Processes (Cont.)

## In-House Testing & Inspection

- DIT-MCO Harness Testing (up to 6,000 points)
- Highly Accelerated Stress Screen Chambers
- Environmental Stress Screen Chambers
- Vibratory Tables
- Full Functional Testing Including: Hi-Potential/Dielectric, Megohmmeter, Temperature Cycle, & Computer Controlled Pull (Tensile Strength)
- Huntron & Weetech Testing
- In-Circuit Testing
- Flying Probe
- 100% 3D X-ray with Computed Tomography Inspection on all Ball Grid Arrays
- 100% Automatic Optical Inspection on all Printed Circuit Boards



# Customers



MEGGITT

**SNC** SIERRA NEVADA CORPORATION<sup>®</sup>

**TEXTRON**



**STARK**



**TE**  
connectivity



**Raytheon**



**BAE SYSTEMS**

**Elbit Systems**

**EFW**  
An Airbus and ST Aerospace Company

**SNC** SIERRA NEVADA CORPORATION<sup>®</sup>

**UTC Aerospace Systems**

**CURTISS - WRIGHT**



**LOCKHEED MARTIN**

**LEONARDO DRS**

**SASTOS**

**NORTHROP GRUMMAN**



**Williams INTERNATIONAL**



# Principle Point of Contact

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