



CHATSWORTH  
PRODUCTS



## Powering and Protecting Your Technology Investment

United States | Canada | Latin America | Europe | Asia Pacific | Middle East & Africa

[chatsworth.com](https://chatsworth.com)



# Dan Grimsley

Director of Training

# Investing in Innovation

The ROI of Engineering Interns



# Company Overview

Chatsworth Products

# CPI's Mission

## Powering and protecting your technology investment.

For more than 30 years, CPI has been providing global ICT infrastructure solutions that power, protect and optimize equipment deployment and operations.

- CPI responds to unique customer needs with rapid design and cost-effective, high-value custom solutions.
- CPI is expanding globally to support customers worldwide.
- CPI has a deep understanding of our customers' equipment and operational needs.
- CPI's partnership with distribution partners provides immediate availability of products.

Corporate  
Philosophy

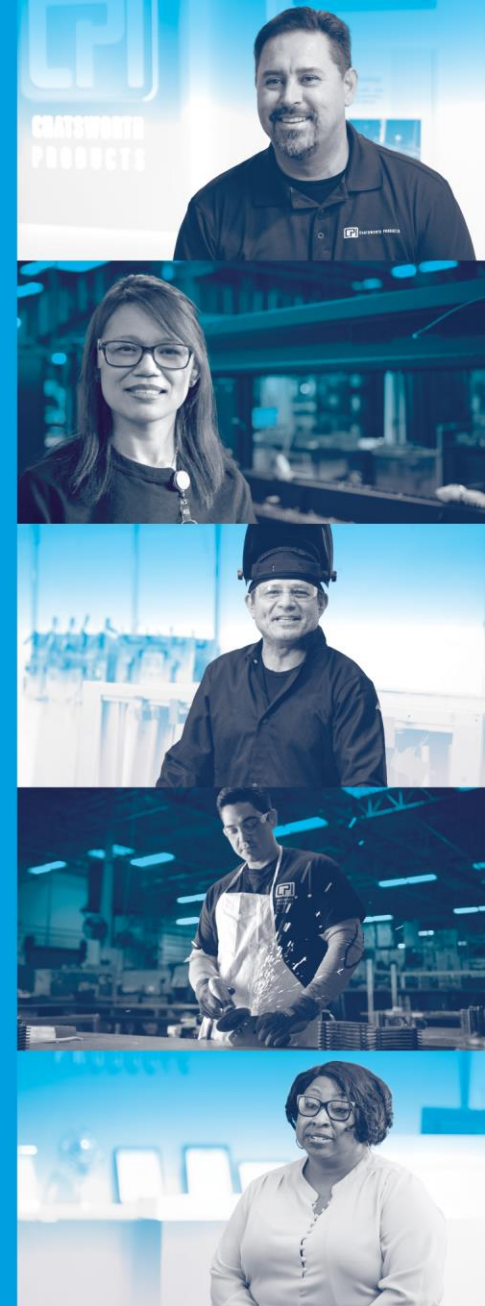
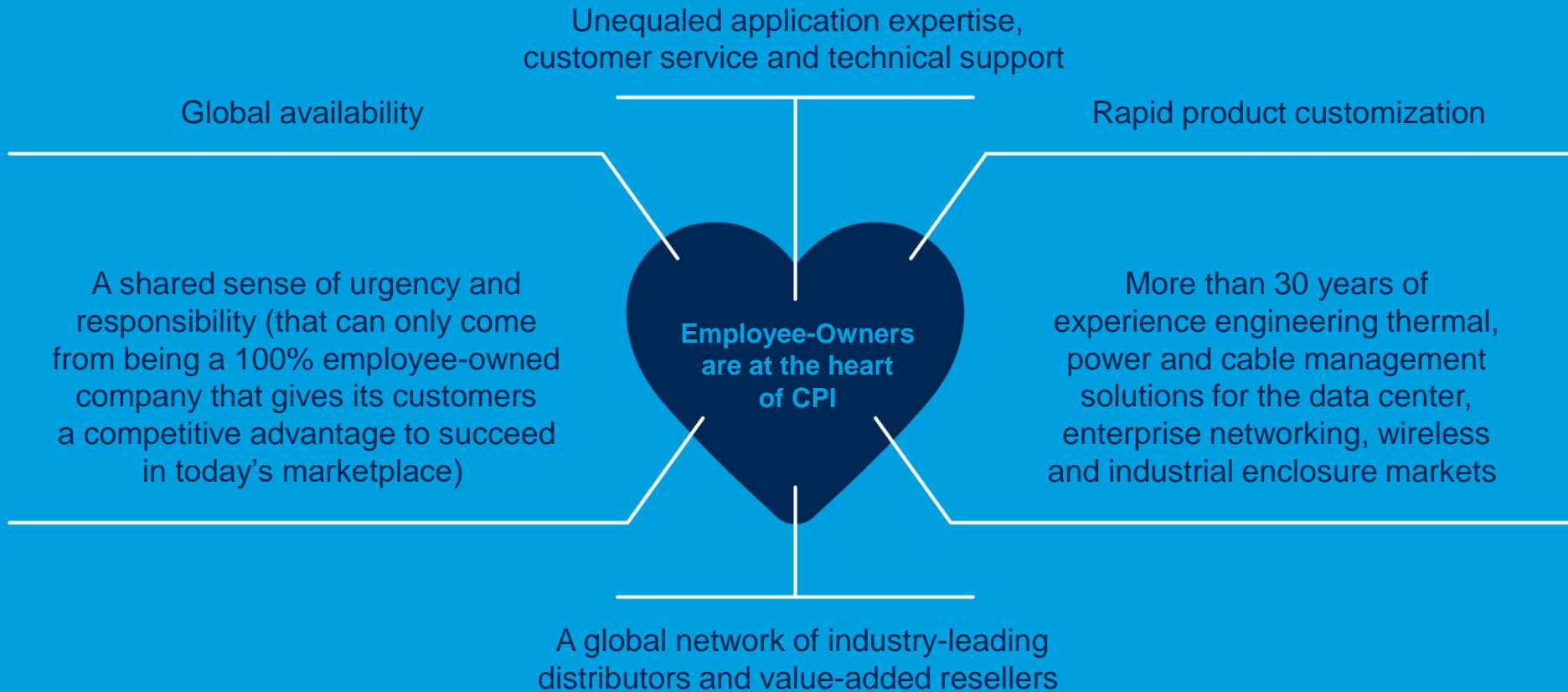
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**We're All in This  
Together.**



# Our Brand Promise

To be your trusted business partner, uniquely prepared to respond to your requirements by providing:



# A Solid Foundation

- A 100% employee-owned company headquartered in Simi Valley, CA
- Sales offices in Mexico, Canada, China, the United Arab Emirates, Qatar and the United Kingdom
- Manufacturing facilities in the United States, Asia and Europe
- Research, Development and Training Center in Texas
- Electronics & Software Technology Center in Texas
- Over 100 patents on USPTO for industry-leading products
- A vast offering of standard product configurations and custom options
- Lean processes that support custom capabilities
- Energy efficient and green initiatives in manufacturing and operations to reduce waste
- Global network of industry-leading distributors that provide quick availability

Accu-Tech  
GraybaR.

wesco

*And many more.*

**CPI is a designer and manufacturer of ICT infrastructure and industrial solutions that power and protect your technology investment.**



# Global Manufacturing Sites





# OUR STORY

- Began using NCSU and ECU engineering interns since 2022.
- We hired students we knew from the area.
- Partnered with NCSU Rural Works 2023.
- We hired students we knew but added the Rural Works program.
- Recognized the value the students brought to the table.
- Major success year 2024.
- Re-formatted our use of the talent and hired several to work anytime they preferred. (Alex Gomez)

# 2024 Return on Investment: quantitative and qualitative

- **Project examples**

- Designed drip trays for our powder coat paint line and installed
- Designed and built JIGs for our drill press department
- Designed JIG assembly for the assembly department
- Developed, taught and completed Kaizen events for our Cubit Rear Door. This included working with the design engineering department.
- Created a Continuous Improvement feedback process for the fabrication department.

# 2024 Return on Investment: quantitative and qualitative

- Redesigned the daily KPI report for our production team and ran the production meetings.
- Developed shims for our Pacifica equipment and passed audit
- Created Tools Inventory process and daily forms
- Designed, prototyped and/or redesigned parts and fixtures on our 3D printer and implemented into the production process
- Designed platform for our Learning Management System
- Developed Go/No-go gages for or Torch operations
- Total estimated savings \$289,578
- Cost in salary     \$68446
- ROI     \$221,132 (76% return)

# List of students (2024)

- Several disciplines with cross-functional learning and support
- Micah Bragg      ECU      Computer Science      (became permanent 03/25)
- Alexander Gomez-Garcia      NCSU      Electrical Engineering/Computer Engineering      Junior
- Kamari Herron      NCSU      Industrial & Systems Engineering      Softmore
- Logan Hunter      NCSU      Nuclear Engineering      Softmore
- Parker Moye      NCSU      Mechanical Engineering      Freshman
- David Phillippe      NCSU      Chemical Engineering      Freshman



# Big Picture Expectations

- We want good students!
- We tap into the student's skill sets.
- We expect the students to contribute inside our organization and for (The State of North Carolina) – IT'S BIGGER THAN CHATSWORTH AND ITS ROI, it's the Student and State's ROI.

# Questions and comments

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# *Thank you!*

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