



Message From Our President

Hello and thank you for reading the IEC Supply newsletter! We are proud to start a new quarterly publication keeping you up to date on automation industry news, tips and tricks, events, and the happenings at IEC Supply.

As our President, I'm proud to work with a passionate group of people who care deeply about their customers. In 40 years of business, we have learned that staying customer-centric is the key to our continued success.

As we turn our attention to the next 40 years of our company, our promise and intent remains unchanged: IEC Supply is committed to delivering high-quality automation hardware and services to the Southwest. Thank you to our loyal customers and cheers to the next chapter of our company!

Matt Zielinski



INDUSTRY

NEWS: Semiconductor Update: Applied Materials

Applied Materials launches \$200M facility in Chandler.

This facility will produce critical components for semiconductor equipment, supporting fabs across the U.S. while creating up to 200 jobs over 5 years. This project is part of a broader collaboration with Apple and Texas Instruments to strengthen domestic chip making. This builds on over \$400 million in U.S. manufacturing investments by Applied Materials.

tips & TRICKS

Sizing a Danfoss VFD: The Field Essentials

step 1

While on the site, start with motor data: HP, Voltage, FLA, RPM, and Phase required. Check mains power for VFD (1 or 3 phase, 110/240/480/690v)

step 2

Ensure the VFD's current rating exceeds motor FLA and check for integrated fusing/disconnects.

step 3

Account for environmental factors: derate for temps over 40C or altitudes above 1000m (about 3280.84 ft).

step 4

Choose proper enclosure ratings and confirm ventilation.

step 5

Select control mode (e.g., constant or variable torque), enable energy-saving features and include braking if needed. Add harmonic filters and verify IEE519 compliance.

step 6

Ensure integration with PLC/BMS systems, configure I/O, and plan for future needs like condition-based monitoring, redundancy, and support availability.

Questions? Contact IEC Supply today.



Let's Meet Aaron!

INSIDE IEC

employee spotlight

This quarter, we're excited to feature Aaron Rivera.

His role is customer service representative and has been with IEC Supply since November 2023. Aaron is enthusiastic about the future and is committed to continuous learning and growth within the company. He is exploring opportunities to further develop his skills and contribute to new initiatives for IEC Supply.

What do you enjoy most about your role?

I really enjoy that I don't get bored at work. I'm cross trained and can support different teams as needed.

What do you like to do outside of work?

I love cooking. I'm an avid gamer and I recently started playing golf.

How have you grown professionally since joining the team?

IEC Supply is my first job in this field. I started out in the warehouse. Now I'm the customer service representative where I'm responsible for ecommerce and marketing.

Save The Date

upcoming events within the industry

ARIZONA MINING ASSOCIATION - 2025 AMA Annual Conference
11/18/25 - 11/20/25 @ Lowes Ventana Canyon Resort Tucson, AZ

AMIGOS - Fall Copper Classic Golf Tournament:
9/12/25 @ Whirlwind Golf Club at Wild Horse Pass.

AMIGOS - Reverse Expo:
11/4/25 @ Desert Willow Conference Center

SEMICON WEST 2025
10/7/25 - 10/9/25 @ Phoenix Convention Center Phoenix, AZ

PDX EXPO 2025 - (Product Development Expo):
10/21/25 - 10/22/25 @ Mesa Convention Center Mesa, AZ

We hope you enjoyed the first edition of our quarterly newsletter. We welcome feedback and suggestions to make sure the content is tailored to YOUR interests, so please don't hesitate to let us know what you think!

We wish everyone a great second half of 2025 and can't wait for you to join us at our 40th Anniversary Party on October 23rd. Save the date and get ready to celebrate with us!