

Tark Thermal Solutions Introduces Next-Generation Cooling Technologies for High-Speed Optoelectronics at ECOC 2025

Featuring expert talk on thermal management for AI, cloud, and telecom infrastructure

ROSENHEIM, GERMANY, September 2, 2025 /EINPresswire.com/ -- [Tark Thermal Solutions](#) a global leader in thermal management solutions (formerly Laird Thermal Systems), will present its latest cooling innovations at ECOC 2025 – The European Conference on Optical Communication, taking place September 28 – October 2 at the Bella Center in Copenhagen, Denmark. Visitors can find Tark Thermal Solutions at Stand C1402.

With the rapid rise of AI clusters, cloud computing, and next-generation telecom networks, the demand for precise, reliable cooling has never been greater. Tark Thermal Solutions will showcase new thermoelectric designs that enable optical transceivers and high-performance imaging systems to operate at peak stability and efficiency.

Technical product presentation at ECOC 2025

Tuesday, September 30 (13:20 – 13:50)

Focus presentation on Thermal

Management in AI, Cloud, and Telecom Infrastructure

Andrew Dereka, Thermoelectrics Product Director at Tark Thermal Solutions

TTS 

**TARK THERMAL
SOLUTIONS**

Meet us at

ECOC 2025 in Denmark

For next-gen active cooling solutions

28 Sept – 2 Oct



BOOTH C1402

TTS 

**TARK THERMAL
SOLUTIONS**



With the surge in power density across optoelectronic systems, thermal management is now a critical enabler of innovation"

*Andrew Dereka,
Thermoelectrics Product
Director, Tark Thermal
Solutions*

With more than 20 years of engineering and product leadership, Andrew will share solutions for meeting the growing cooling demands of next-generation optical transceivers.

Innovations on display at Stand C1402

More than a simple product showcase, Tark Thermal Solutions will present targeted solutions for key application areas:

- AI clusters & optical transceivers: [OptoTEC MBX Series](#) micro thermoelectric coolers, designed for temperature stabilization of EML and coherent lasers in high-density computing
- High-end imaging & sensing: [OptoTEC MSX Series](#) micro multistage thermoelectric coolers for deep cooling of high-performance image sensors.
- High-temperature environments (up to 150 °C): Hi-Temp ETX Series thermoelectric coolers for autonomous systems, machine vision, and digital light processors
- Battery backup cooling: Outdoor Cooler Series thermoelectric assembly
- Precision laboratory imaging: Nextreme NRC400 thermoelectric recirculating chiller for cooling image sensors in cameras

"With the surge in power density across optoelectronic systems, thermal management is now a critical enabler of innovation. At ECOC, we'll demonstrate how our advanced thermoelectric coolers help customers push the limits of speed, precision, and reliability in AI, cloud, and telecom applications."

– Andrew Dereka, Thermoelectrics Product Director, Tark Thermal Solutions

Visit Tark Thermal Solutions at Stand C1402

Meet with thermal management experts and discover how our solutions can optimize your optoelectronic application. Learn more at www.tark-solutions.com.

About Tark Thermal Solutions

Tark Thermal Solutions designs, develops, and manufactures active thermal management solutions for demanding applications across global medical, industrial, transportation, telecommunications and data center markets. We manufacture one of the most diverse product portfolios in the industry, ranging from thermoelectric coolers and assemblies to temperature controllers, specialty pumps and liquid cooling systems. With unmatched thermal management expertise, our engineers use advanced thermal modeling and management techniques to solve complex heat and temperature control problems. By offering a broad range of design, prototyping and in-house testing capabilities, we partner closely with our customers across the entire product development lifecycle to reduce risk and accelerate time-to-market. Our global design, manufacturing and support resources help customers shorten their product design

cycle, maximize productivity, uptime, performance, and product quality. Tark Thermal Solutions is the optimum choice for standard or custom thermal solutions.

Florian Haessler

Tark Thermal Solutions

florian.haessler@tark-solutions.com

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[Other](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/845166140>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.