![Atrenne Integrated Solutions logo]

IMAGINE YOUR ELECTRONICS

OPERATING IN THE HARSHEST ENVIRONMENTS

DELIVERING VALUE FOR MORE THAN 40 YEARS.

A preferred vendor to the world's largest defense and industrial companies, Atrenne Integrated Solutions has a more than forty-year legacy of providing open architecture systems to the military.

We specialize in rugged electronic systems for mission-critical and performance-critical embedded computing platforms deployed in harsh environments throughout the world.

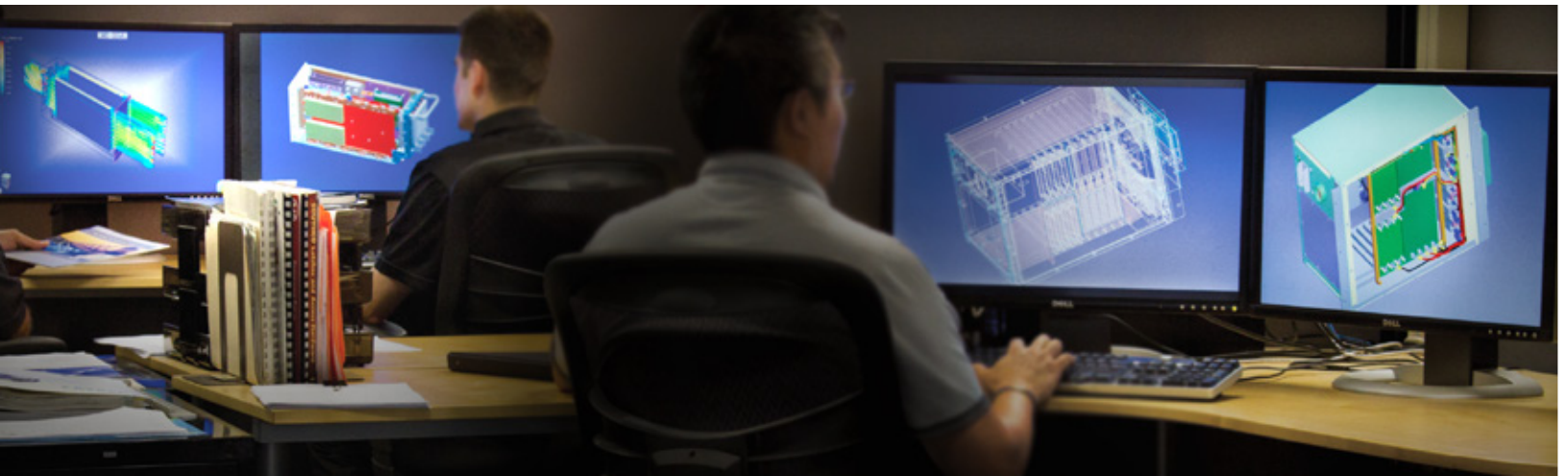## Atrenne ensures the success of your project by reducing time to market, lowering life cycle costs & mitigating risk.

SYSTEM ARCHITECTURE / COLLABORATION

Atrenne system architects are dedicated to your project success, providing both technical and program management expertise. With guidance, direction and accountability, they keep your program on track. Atrenne's commitment to our customers is demonstrated every day by our promise of lifetime product support and service.
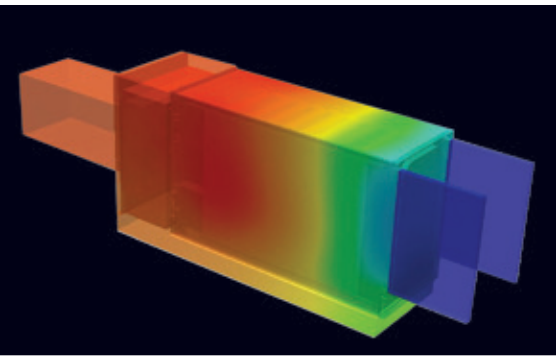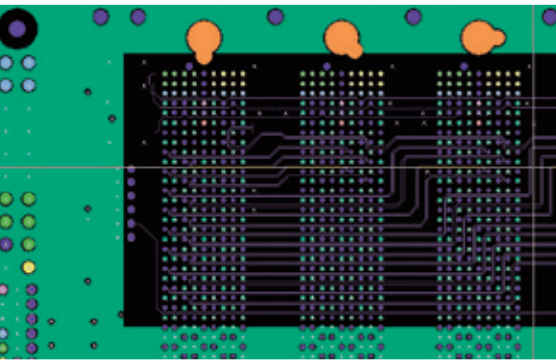
DESIGN, ANALYSIS, ENGINEERING

With deep engineering expertise in thermal design, signal integrity, complex interconnection and power management technologies, Atrenne provides COTS enclosures, backplanes, system integration and application-specific solutions for OpenVPX, VME, PICMG architectures, embedded processors and small form factor platforms.

From ATR's and rugged rackmount enclosures to backplanes, I/O modules, power supplies and system controllers, our rugged solutions provide thermal management, protection from the world's harshest environments and security technologies, including Red/ Black TEMPEST compartments.

BENEFIT FROM PROVEN PLATFORMS.

Atrenne is a technology company with an engineering mindset, providing cost-effective risk mitigation through proven platforms.

APPLICATION-SPECIFIC SYSTEM SOLUTIONS

At Atrenne, application-specific solutions are a standard offering. Our extensive library of proven defense and aerospace platform designs allows us to create modifications for specific requirements rapidly with reduced lead time and at a competitive cost.

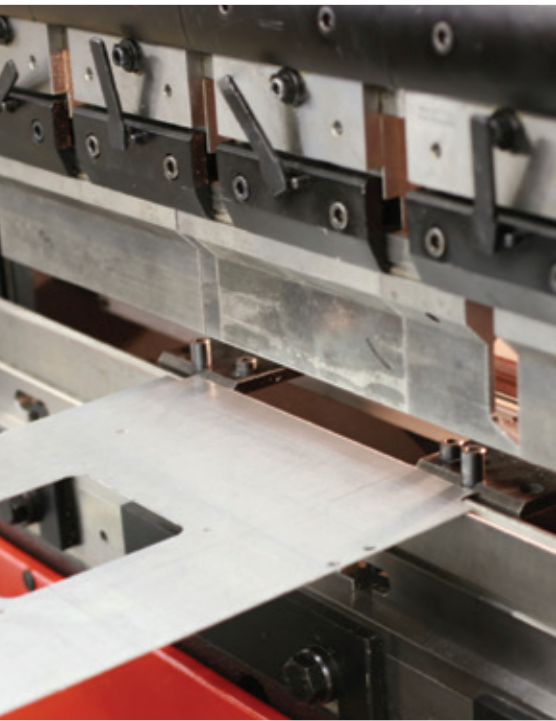### EXPERIENCE WITH COTS, OPEN SYSTEMS

Extensive experience with all open-standard, COTS fabric architectures and military specifications allows major defense contractors and vendors to integrate our system-level, performance-tested, hardware competencies into the overall product development process without the risk that comes with so many outsourcing providers.

Our facilities are ISO 9001:2008, AS9100, J-STD-001, IPC-A-610/620 certified and incorporate Lean Manufacturing initiatives that streamline operations and ensure the on-time delivery of consistently high quality products.

ALWAYS RUGGED AND RELIABLE.

Our customers leverage best-in-class processes throughout the product life cycle: the concept phase, design and development, prototyping, certifications, production and life-cycle management. Extensive experience with open architecture and military specifications allows major defense contractors and vendors to integrate our system-level, hardware capabilities into the overall product-development process without the risk so often associated with outsourcing.

COMPLIANCE / CERTIFICATIONS

Atrenne has delivered systems for countless military programs including Navy Mil-S- 901 (lightweight and medium weight hammer as well as heavyweight barge testing), Mil-S-167, Mil-S-461, Mil-S-704, Mil-S-810 and RTCA/DO-160; and all of our products are easily configurable for size and power to meet legacy and emerging platform requirements, including OpenVPX, VME, PICMG platforms and application-specific form factors.

Our rugged system solutions for air, land and sea military applications include:

- C4ISR
- Electronic Warfare
- Avionics
- Image Processing and Surveillance
- Mobile Systems
- Secure Communications (TEMPEST Chassis and Systems)
- Rugged Servers
- Mil Laptop Expansion
- Sonar & Detection Systems

FOR MORE INFORMATION, VISIT WWW.ATRENNE.COM OR CALL 1.800.926.8722.

WHETHER YOU KNOW US AS SIE, CBT, ABELCONN, HYBRICON, OR NOW ATRENNE, OUR COMMITMENT TO CUSTOMERS NEVER WAVERS

CBT Technology (Xtech) was founded in 1948 as Trim Alloy. AbelConn (CTS) first began operations in 1959. SIE Computing (Mupac / Carlo Gavazzi) originally started as a wire wrap manufacturer in 1972. In 2014, these industry leaders, with their proud heritage, were joined as an integrated unit, under the new name, Atrenne Integrated Solutions, Inc. "Atrenne" is an Old English word that means to "out-run," and that is the company's mission. We are committed to being the best integrated solutions provider through personalized program management, product customization, continuous flow, lean manufacturing systems, and world class quality through our quality management systems and certifications.

In 2015, Atrenne acquired the Hybricon® electronic packaging group from Curtiss-Wright, solidifying the company's position as the leading manufacturer and integrator of chassis, backplanes/CCAs, metal components, connectors and related accessories for military and commercial markets. Throughout our storied history, Atrenne continues to serve customers around the world from our state-of-the-art, vertically integrated manufacturing facilities in Massachusetts and Minnesota.

While the company has changed names, we have always remained focused and committed to meeting our customers' unique requirements.

CERTIFICATES OR ACCREDITATIONS:

- **ITAR Registered**
- **AS 9100**
- **ISO 9001:2008**
- **J - STD - 001**
- **IPC / WHMA 620**
- **DFARS**
- **MIL-DTL - 5541**
- **NADCAP Electronics Accredited**
- **NASA Space Flight Hardware Provider**

WORLDWIDE DEPLOYMENT

As a supplier of COTS and modified COTS products, Atrenne has enabled state-of-the-art embedded computing in mission-critical applications worldwide.

NEW HOPE, MN

BROCKTON, MA

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Integrated Solutions

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