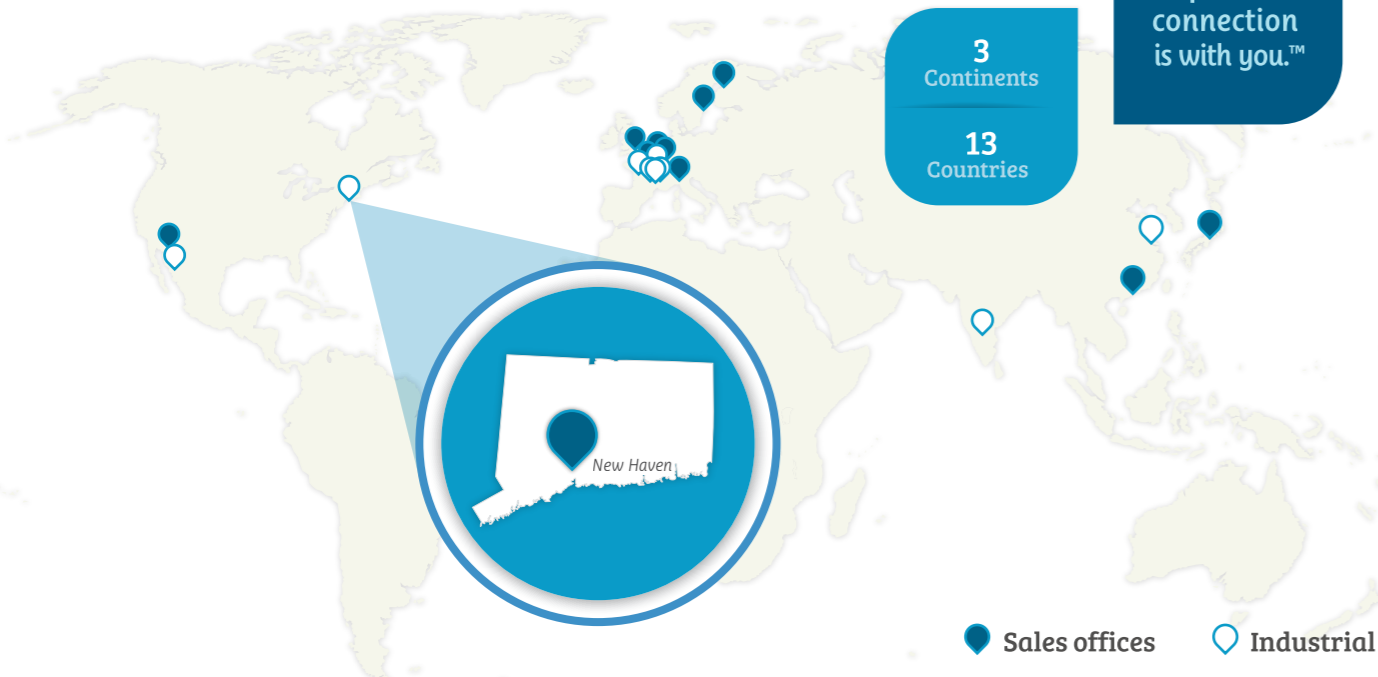


area offices  
local contacts



3  
Continents

13  
Countries

Our most important connection is with you.™

Our Most Important Connection is with You.™



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Americas

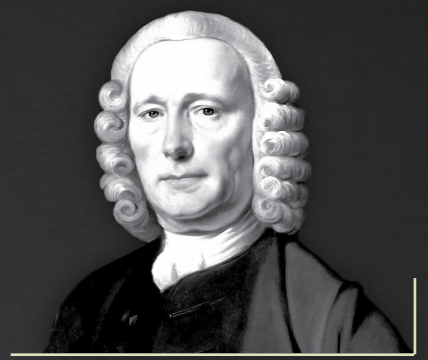
	ADDRESS	PHONE	FAX	EMAIL
USA & CANADA	Radiall USA, Inc. 8950 South 52nd Street Ste 401 Tempe, AZ 85284	+1 480-682-9400	+1 480-682-9403	infousa@radiall.com

Also Represented In...

- AUSTRALIA AUSTRIA BELGIUM BRAZIL CZECH REPUBLIC DENMARK ESTONIA GREECE HUNGARY INDONESIA ISRAEL KOREA LATVIA LITHUANIA  
MALAYSIA NORWAY PHILIPPINES POLAND PORTUGAL RUSSIA SINGAPORE SPAIN SWITZERLAND TAIWAN THAILAND VIETNAM SOUTH AFRICA

# FORWARD FIRST FACILITIES

Forward First Facilities are manufacturing plants that specialize in process innovation for superior product performance.



JOHN HARRISON

Harrison was a self-educated English carpenter and clockmaker who invented the marine chronometer. A revolutionary device, the innovative solution was designed to solve the problem of calculating longitude while at sea. His solution revolutionized navigation and greatly increased the safety of long-distance sea travel.

# BE THE FIRST

**Be the First - Leader in Technology • Be the Best - Operational Excellence • Work for the Best - Customer Intimacy**



*Empower the people that enrich our lives. We don't invent the future, we enable it. We inspire innovation, we embrace challenges, we challenge conventional solutions and we collaborate with our customers to succeed.*

## ABOUT RADIALL NEW HAVEN

Radiall, a well known world leader for reliable and innovative product solutions acquired Applied Engineering Products (AEP) in 2005. AEP was established in 1973 and quickly became a recognized leader in the RF coaxial connectors and cable assemblies industry.

From the beginning, AEP's mission has been to provide quality RF products and support strong, long-term relationships with customers and suppliers. Since acquiring AEP, Radiall New Haven has maintained the initial customer-centric service established by AEP over 40 years ago and has become a center of excellence dedicated to providing design engineering, manufacturing, quality and supply chain functions to support North American and worldwide demand.

### Certification/Compliance

- ITAR & DFAR compliant
- Quality System
  - ISO 9001:2008
  - AS9100C
  - IPC-A-610/620 J-STD-001C
- MIL-Q-9858 Compliant
- FAI AS9102



1100 sq ft Clean room - ISO class 7



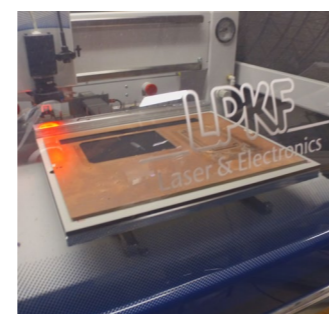
65,000 sq ft Facility - Natural Disaster Recovery Plan

### Capabilities



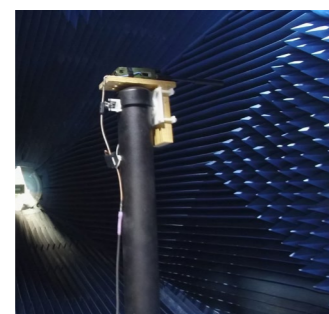
#### Design

- Dedicated Team for RF, Fiber & Electro-Optic product development
- EM simulation: Ansys®
- CAD system: SolidWorks®
- Zemax: Optical Design Software
- FMEA/Control Plans/MSA/Gauge R&R



#### Rapid Prototyping & Pre-series

- CNC machines Park
  - Brass
  - Beryllium copper
  - Stainless steel and PTFE
- PCB milling machine



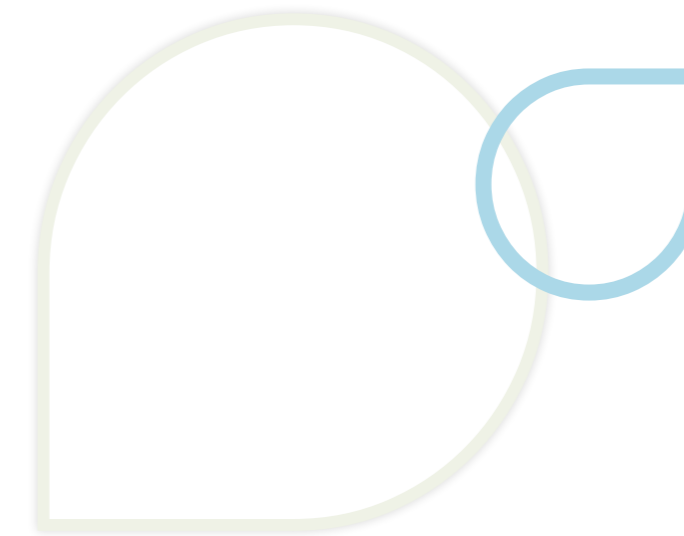
#### Test & Measurement

- Tapered anechoic chamber
- VNAs up to 67 GHz
- Norland interferometers
- Video microscopes
- Automated IR/IL fiber inspection
- Continuity & Hipot AC/DC system



#### Evaluation & Qualification Equipment

- Environmental chamber/thermal chamber
- Salt fog chamber
- Vibration testing
- Mechanical Shock/Tensile/Compression Testing
- Immersion & Leak Testing
- Cross-sectioning



*Radiall's New Haven facility is a center of expertise for RF Coaxial Connectors, Antennas, Fiber Optics Solutions and Active Optics. The team of highly skilled engineers with an entrepreneurial spirit enables Radiall to design and manufacture a variety of component parts & assemblies for different industries, including the Military, Aerospace, Industrial and Telecom markets. Our recognized team of experts are dedicated to providing customers with the best solution to satisfy individual needs.*



#### RF Connectors

- Broadest range of coaxial connectors: 13,000 part numbers & 55 product series (Radiall & AEP®)
- Mil QPL (Mil-PRF-39012)
- Harsh environment including waterproof & high temperature
- Adapters (in series and between series)
- Custom design and manufacturing available



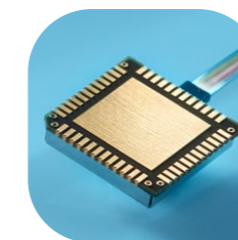
#### Coaxial Cable Assemblies

- Flexible cables
  - Standard MIL-C-17, RG, ECO and LMR equivalent assemblies
  - High frequency low loss - SHF®
  - Short Bend
- Hand Conformable
- Semi rigid
- Custom harnesses



#### Complex Hybrid Assemblies

- Value-added Harnesses using in house core expertise:
  - Digital & Analog Assemblies
  - Coaxial & Fiber Assemblies
- Development and design or build to print capability
- Circular and rectangular interconnect solutions
- In-house test and validation



#### Electro-Optics

- Smallest harsh environment transceivers up to 10GBs
- Single/Multi channels package
- Round/ribbon fiber pigtails
- Free-space optic solutions



#### Antennas

- Leader in tactical portable antennas (VHF/UHF/L Band)
- Stubby GPS (passive/Active)
- Point to Multipoint Antennas
- Custom product solutions



#### Fiber Optics

- Mil-spec & Commercial fiber optic terminations and interconnect in accordance with MIL-STD-2042B
- Single & Multi mode MIL-PRF-29504, MIL-PRF-83522, MIL-PRF-28876, ARINC
- ST/SC/FC/LC/MT/MPO, LuxCis® (ARINC 801)
- FOJB assembly
- Patchcords and hybrid Assemblies