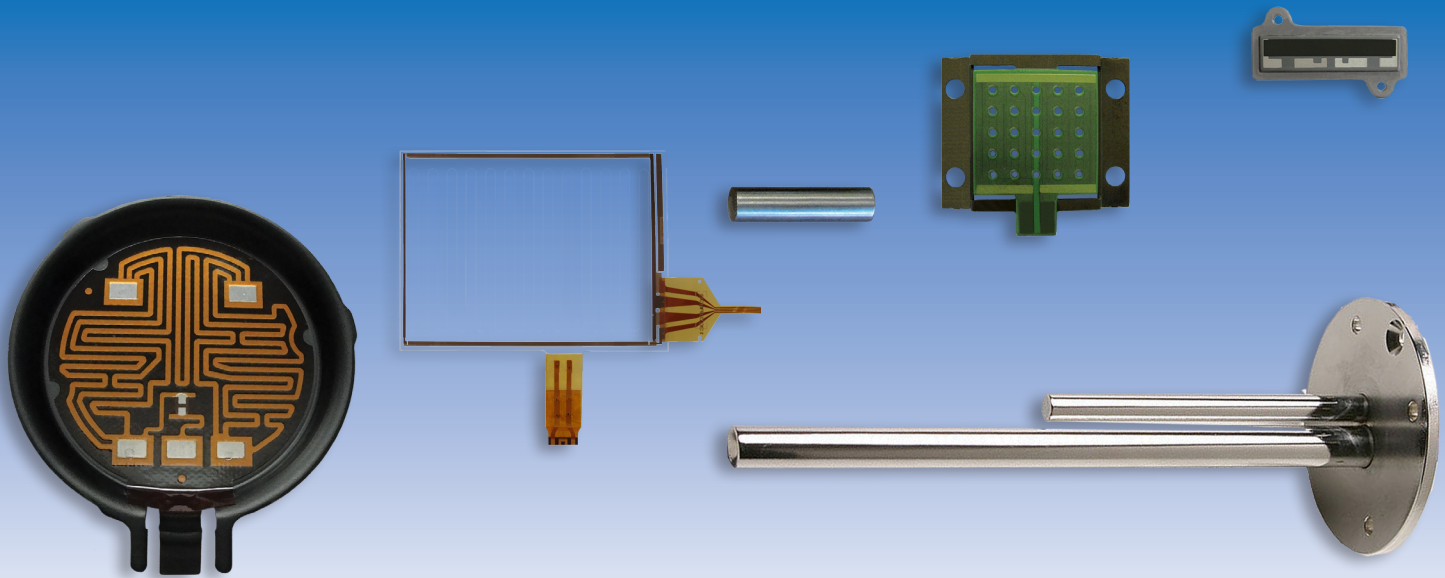




# CAPABILITIES

In Heating Technologies



## Endlessly Inventive Solutions.

Innovative solutions precisely designed for your specific application. Whether the driving force is technology, cost or compliance, we have the technology and expertise to meet your exacting demands.

### More options for higher performance products.

Heatron takes a complete systems approach to identify intelligent solutions for a wide range of thermal management and integration issues.

Heatron's depth of expertise and broad selection of product technologies affords you new insights and options to match the best technology and materials to your unique requirements.

*Heatron sets new standards in performance,  
driven by the demanding criteria set by our  
market-leading customers.*

Telecom



Medical



Energy



### Flexible Heaters

Kapton®, All  
Polyimide, Silicone  
Rubber



### Cartridge Heaters

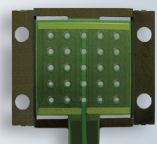


**New!** Deep Drawn

### Thick Film Heaters



Alumina ( $\text{Al}_2\text{O}_3$ )



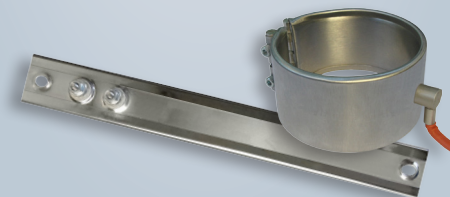
Stainless Steel



Aluminum (Al)

Aluminum Nitride (AlN)

### Strip and Band Heaters



## Precise, Uniform Heat Exactly Where You Need It.

Smaller, denser, more complex components. Your products are optimized for performance, cost and safety. Heatron models, simulates, designs, integrates and validates your component before productions to identify optimal design while driving out waste.

Visualize and  
validate your  
design.

- 3D Modeling
- Finite Element Analysis (FEA) to optimize and validate design
- Failure Mode Effects Analysis (FMEA) for life, integrity and certification statements
- Manufacturability analysis
- Cost modeling

*Unparalleled custom design capabilities to  
meet your product's exacting demands.*

## Direct Access To Engineering Expertise.

Heatron's engineers work with you from initial concept to product launch, or as an extension of your design group to bring additional expertise and augment your product development program.

Bridging the gap between concept and product, Heatron speeds time to market. With more insight, options and broader knowledge of technology and materials, Heatron provides greater product definition during the initial design and reduces overall program risks with:

Bridge the gap  
between concept  
and product.

- Precise temperature and power control
- Decrease weight and costs
- Increase performance
- Custom integrated components

## Full Life-Cycle Management

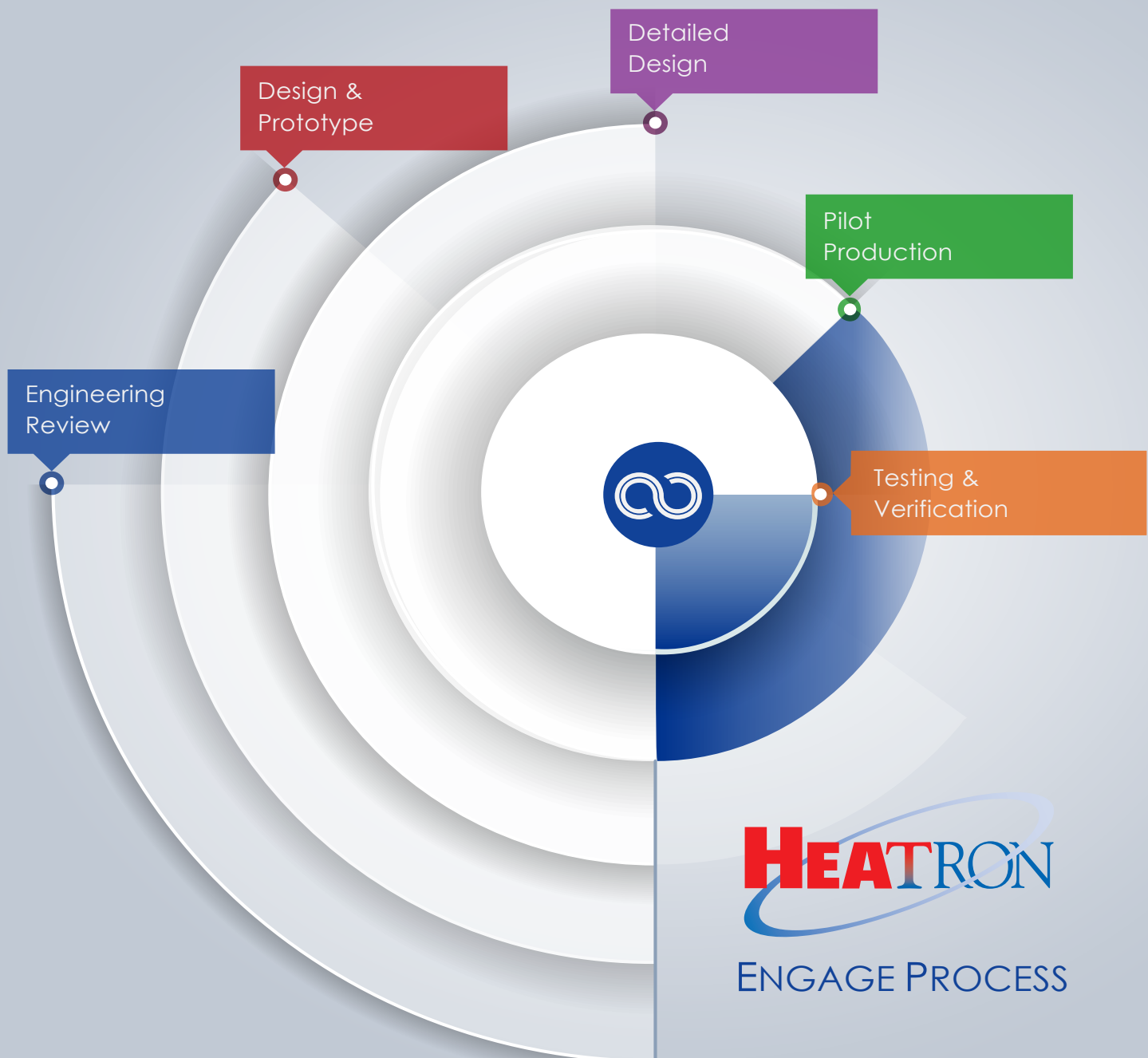
Rise above the challenge of legacy product revisions. Heatron supports the full product lifecycle, including value engineering and re-engineering of mature products.

*Design for performance, design for manufacturing,  
and vast insight into the challenges you face.*

## The Customer Defines the Process.

As a customer-driven organization, Heatron provides a framework that allows engagement at any point. Bringing Heatron on board at the start of a project is optimal, leading to improved component design and performance. No matter where you are in the product development cycle, you are assured design and process enhancements every step of the way.

*Heatron's expertise in design, manufacturing and market standards gives you the confidence you need to move forward quickly.*







## Robust Quality Management System

Heatron's strict adherence to regulatory, compliance and sustainability requirements provides lower-cost and higher-performance products. Our quality audit process ensures part, yield and component criteria are met from initial design review to ongoing production.

### Stability and Compliance

- ISO 9001:2008 registered company
- Proven regulatory compliance experience
- Quality audited by Fortune 100 customers
- Extensive UL options list

## Unparalleled Manufacturing and Assembly

Simpler, faster throughput and higher density components reduce cost and deliver superior performance. Heatron provides turn-key manufacturing services for products, subassemblies, and components that lower total cost of ownership and speed time-to-market.

We continually invest in new technology while utilizing Lean Principles to streamline operations, improve value and deliver a competitive advantage to our customers.

### Turnkey Manufacturing Services

- Precision manufacturing
- Scalable to high-velocity, high-volume production
- Best-in-class path planning and control
- Class 10,000 clean room

### Enabling Capabilities

- Account management
- Project management
- Test engineering
- Supply chain management
- Assured capacity and supply
- Documentation
- Component traceability



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