Flexible Hybrid Electronics (FHE)

Integrate flexibility into your product design and development

Are you aware that forecasters are predicting Flexible Hybrid Electronics (FHE) could be a nearly $30 billion market for manufacturers?

FHE is creating a new class of electronics allowing you to remove the limitations of traditional integrated circuits. By combining printed flexible substrates with semi-conductor devices, you will drive flexibility and innovation within your manufacturing capabilities, opening your company up to vast potential growth.

GaMEP will:
- Bring you up to speed on the latest FHE developments.
- Help you identify relevant FHE opportunities within your business.
  - Be part of the FHE supply chain.
  - Use FHE to enable IoT and gather data to improve your manufacturing processes.
  - Incorporate FHE into new products.
- Connect you with a national network of FHE experts and practitioners.

By working with GaMEP on incorporating FHE in your facility, you will:
- Remove the Limitations
- Incorporate Advanced Manufacturing Techniques
- Grow Your Business

Advancing Georgia Manufacturing
gamep.org
Manufacturers are Adopting FHE in a Variety of Innovative Ways

Supply Chain: Supply materials and services within the FHE supply chain.

Internet of Things: Manufacturers can use sensors such as the Flexible Arduino platform to quickly validate ways to monitor and improve manufacturing floor processes.

Developing New Products: A manufacturer created a flexible thermometer bandage to monitor a child’s temperature while sleeping, alerting parents through a phone app if the child’s temperature spikes.

Why Work with GaMEP?

Our goals are simple and impactful:
- Understand the current state of your company.
- Learn about your future goals.
- Teach your team to utilize tools and strategies to meet the needs of your organization.
- Advance your company’s competitiveness and ensure a sustainable future for manufacturing in Georgia.

Each of our services resides in one of the following four key strategic solutions within the GaMEP Organizational Excellence framework:

Supply Chain: Access to locally based project managers that have years of experience developing and implementing best practices for manufacturers.

Internet of Things: Immediate and long-term solutions that increase top-line growth and reduce bottom-line costs throughout your organization.

Developing New Products: Federal and state funds that help offset the cost to Georgia manufacturers, making your investment more powerful.

What Sets GaMEP Apart

Each year, GaMEP works with more than 1,000 manufacturers to implement on-site projects, conduct training, and connect manufacturers to Georgia Tech resources and our partners throughout the state. We do this through:
- Access to locally based project managers that have years of experience developing and implementing best practices for manufacturers.
- Immediate and long-term solutions that increase top-line growth and reduce bottom-line costs throughout your organization.
- Federal and state funds that help offset the cost to Georgia manufacturers, making your investment more powerful.

Service areas include: process improvement, quality, robotics, business strategy, technology integration, ISO management systems, energy, sustainability, safety integration, and more.

See what all the “Buzz” is about.

Connect with GaMEP

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