AT THE EDGE: DEVICES AT WORK

Dr. Gary Butler
Chairman and CEO
Camgian Microsystems
MISSION

Drive improvements in operational efficiency and effectiveness through sensor-driven decision analytics.

HISTORY

Invested over $30M into low-power sensing, real-time signal processing and software technologies.

AWARDS
Ability to predict events
New knowledge for decision making
More efficient use of resources
Identification of trends
Optimize processes
Manage risk more efficiently
Increased responsiveness

THE GAP
SENSING
NETWORKING | COMMUNICATIONS
ANALYTICS
BUSINESS INTELLIGENCE

IoT Solution

Manufacturing
Transportation
Energy
Mining
Retail
Healthcare
Agriculture

“The Internet of Things could add as much as $15 trillion to global GDP.” –GE
But there is a PROBLEM...
Ability to predict events
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THINGS
Manufacturing
Transportation
Energy
Mining
Retail
Healthcare
Agriculture

BUSINESS INTELLIGENCE

SENSORS
GATEWAYS
COMMS
ANALYTICS

• Expensive integration
• Reliability issues
• Not scalable
Ability to predict events
New knowledge for decision making
More efficient use of resources
Identification of trends
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BUSINESS INTELLIGENCE

Egburt™

THINGS

Manufacturing  Transportation  Energy  Mining  Retail  Healthcare  Agriculture
Egburt Edge Computing

Edge Computing Device

Real-time sensor processing

Communications

Sensor analytics and fusion

Data storage

Open source API for 3rd party applications

Real-time Reporting

Device management

Visualization

Egburt Cloud Services

Egburt User Interface
• Integrated edge computing architecture
• Software defined sensor interfaces
• Real-time sensor signal processing and sensor fusion engine
• Ultra-low power
• Cloud managed
Connect Things to Egburt

Actionable Intelligence Flows Back through Operations

Real-Time Reporting and Alerts

Real-Time Streaming of Analytics Data

Secure Cloud-Based Decision-Making System

Egburt Apps
Initial Markets: Smart Retail, Smart Cities, Smart Infrastructure
SUMMARY

- New end-to-end platform
- Edge computing architecture
- October launch date