



Acellent

Acellent provides revolutionary, breakthrough technology and products in the field of SMART Structural Health Monitoring (SHM) for Industrial IOT solutions in major industrial sectors.

WE PROVIDE...

One system to analyze the health of structures in real-time, reducing maintenance and repair costs

PROBLEM

The new generation of Industrial IOT will transform the Industrial Age to the Information Age. A key enabler for Industrial IOT are sensors and data procured from them. Acellent's SMART systems provide a market opportunity for IIOT data generation, diagnosis, service, and management.

SOLUTION

Structural Health Monitoring (SHM) SMART systems have the potential to provide real-time and historical sensor based data on the integrity of any structural platform

- **NextGen Sensor Network Products and Services:** New products for multifunctional sensor systems
- **New Business and Operating Models:** Sensors, analytics, and real-time data for real-time information on platform, data management
- **Operations and Preventative Maintenance:** Condition based maintenance of platform to boost productivity
- **Commercial Optimization:** Enable flexible maintenance and usage with minimum downtime to boost productivity
- **Operation Optimization:** Reduce cost of inspection, maintenance, repair, and life-cycle costs

OUR PRODUCTS FACILITATE:

- Structural state sensing
- Impact detection and monitoring
- Composite damage detection: de-laminations and dis-bonds
- Metal damage detection: fatigue cracks and corrosion/erosion



SERVICES

Many customers have a unique situation that requires a custom solution. We work with our customers to build our systems to satisfy their Structural Health Monitoring applications and needs.

EXPERTISE

Our staff has over 90 years of combined experience in the SHM field, which drives our industry-leading patented technology and products. With our expertise in structural design and algorithm programming, we provide detailed, easy-to-read diagnostic results to check structural integrity.

QUALITY

We are certified in AS9100:2004 Aerospace Standard and ISO9001:2008. We manufacture all of our hardware and sensors, and write our own software modules. This ensures the quality and reliability of our state-of-the-art SHM systems.

SUPPORT

We provide comprehensive training on the installation of our SHM system and their operation. We work closely with our customers to ensure they gain a complete understanding of our systems and the benefits they bring.

SELECTED CURRENT CUSTOMERS



and many more companies and Universities worldwide

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