

# 5 INNOVATIONS

## IN FACILITIES MANAGEMENT

The facilities management industry is constantly evolving. With each new innovation, facilities managers have the opportunity to improve processes, increase efficiencies and positively impact their bottom line.

**Here are 5 vital areas of innovation and how you can use them to your facility's advantage.**

### #1 PREDICTIVE TECHNOLOGIES

- ▶ **Proactive Maintenance**
- ▶ **Extended Equipment Lifespan**
- ▶ **Big Savings**

#### **Vibration Diagnostics-as-a-service (DaaS):**

A web application and electronic hardware device with sensors record vibration and ultrasonic analysis. Identify equipment inefficiencies and predict maintenance failures before they arise.

#### **Infrared (IR) Thermography Smartphone Adapter:**

Instantly identify hot spots in walls and motors using a smartphone adapter. Identify energy waste, failing equipment and potential fire hazards.

**> 6 MINUTES**

*the time it takes Vibration Analysis to identify mechanical problems*

**3-10X**

*the amount of \$\$\$ facilities can save with predictive technologies*

**“Without predictive technologies, the risk of total equipment failure increases, disrupting operations & grossly inflating cost of repair.”**

– MATT JUDGE, DIRECTOR OF FACILITIES PROGRAM DEVELOPMENT AND INNOVATION AT ARAMARK

### #2 REMOTE MONITORING

**Connected Devices + Remote Monitoring = Improved Efficiency + Cost Reduction**

#### 4 KEY AREAS

##### **Remote Energy Monitoring:**

Remotely control heat/air for multiple locations, reduce energy consumption and easily monitor equipment for failures.

##### **Remote Site Maintenance:**

Assess performance and quality control centrally without the need to visit every site.

##### **Telemetry Systems:**

Monitor equipment usage and productivity to justify return on investment. Receive proactive notification when service is needed, saving time and money.

##### **Data and Business Intelligence:**

Make better decisions and improve operational performance based on real-time data and insights collected from remote monitoring.

**“Where homeowners can remotely monitor & schedule their heating, air conditioning, lighting, security & more, businesses are able to remotely oversee & manage those same variables—saving time & resources.”**

– CHRISTOPHER STEMEN, ASSOCIATE VICE PRESIDENT OF ENGINEERING AND ASSET SOLUTIONS AT ARAMARK

**10%** *the amount remote energy monitoring has reduced costs in certain facilities*

### #3 HARNESSING BIG DATA

- ▶ **Technology Advance**
- ▶ **Precise Data**
- ▶ **Higher Productivity**
- ▶ **Lower Costs**

#### **Integrated Work Management Systems (IWMS):**

A single cloud database connects multiple business processes, optimizing all resources and assets within one integrated platform.

#### **Building Information Modeling (BIM):**

Software accurately creates digital models and visualizations of any space, building or equipment, allowing for faster diagnostics and easier decision-making.

#### **Geographic Information Systems (GIS):**

Spatial information system captures acreage, square footage, and asset locations, enabling faster response to service needs, improved staffing levels, and accurate scheduling.

**“This data directly leads to improved levels of communication, efficiencies, performance & quality control across a campus, school district, healthcare system or factory.”**

– MATT JUDGE, DIRECTOR OF FACILITIES PROGRAM DEVELOPMENT AND INNOVATION AT ARAMARK

### #4 ROBOTICS AND SENSORS

~~Dirty~~

~~Repetitive~~

~~Dangerous~~

**Sensor Technology + Lasers + 3D Cameras = More Efficient Robots + Improved Employee Safety & Productivity**

**“Robotics will allow us to do certain repetitive jobs faster & safer, freeing employee time for more of the core work.”**

– CRAIG ARNOLD, DIRECTOR OF SYSTEMS DEVELOPMENT & TECHNICAL SUPPORT

### #5 INNOVATIVE PARTNERSHIPS

The pace of change and technological advancements in Facilities Management are beyond the capacity of any single organization. Remaining in the forefront of service delivery, work environments, and engaging experiences requires partnerships with industry leaders.

#### ▶ **Strategic Partnerships**

#### ▶ **Service Improvements**

Aramark brings continuous innovation to its clients by aligning with the best and most technologically advanced partners in the industry. Together, we identify, pilot, and deploy leading solutions to today and tomorrow's facility challenges.

#### TYPES OF PARTNERSHIPS



**“Our partnerships are important because we work with world leaders in their markets. Each of our clients automatically gains the benefits of our partners' innovations.”**

– DON PYLES, ASSOCIATE VICE PRESIDENT, FACILITIES CENTER OF EXCELLENCE

Improve the quality of your facilities environment while delivering efficiency and cost savings.

**Discover more about innovations in facilities management, [CLICK HERE](#)**

