IntelliCommand℠
The complete smart building solution
IntelliCommand® remote building monitoring and control system combines monitoring-based commissioning to optimize building performance and predictive analytics—to solve root causes and ensure greater reliability. IntelliCommand monitors:

- Energy usage
- Heating & air conditioning
- Lighting
- Fire safety systems
- Security systems

IntelliCommand® by JLL is the solution:
A scalable smart building program that delivers unprecedented gains in performance, reliability and productivity

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Suitable for all building types and sizes—office buildings, data centers, R&D facilities, healthcare facilities, universities and retail—IntelliCommand® is the real estate sector’s only end-to-end smart building solution, combining Pacific Controls’ leading-edge technology with JLL’s comprehensive real estate expertise and worldwide reach.

Advanced analytics and knowledgeable staff in our 24/7 command center provide subject matter expertise and collaborate with on-site engineering teams to fix problems and implement building optimization strategies.
IntelliCommand is the industry’s only comprehensive solution, from the initial opportunity analysis through installation and ongoing service from our 24/7 Command Center facilities experts, working seamlessly with on-site operations and maintenance teams.

**Analysis**
- Energy and operational cost savings
- Implementation cost
- Payback / ROI

**Implementation**
- Installation of communication gateway
- Easily scalable throughout portfolio

**Operations**
- Monitoring and control
- Command center experts
- Interface with existing on-site FM/Engineering technicians
- Work order management
How IntelliCommand works

- An advanced algorithm "brain" analyzes millions of data points from meters and sensors throughout buildings, detects faults using advanced analytics and automatically adjusts settings to keep systems running at peak efficiency.
- Data suggesting the need for maintenance or repair is recognized by the system and by facilities experts at our 24/7 command center.
- Maintenance and repair requests include information on root causes, enabling workers to bring the right tools and parts and avoid multiple trips.
- Integration with your work-order management system streamlines the process and enables the system to confirm that repairs resolved the issue.

IntelliCommand architecture

1. Buildings from all over the world are monitored from a central location where data is gathered.
2. When an anomaly is detected, the data is analyzed by a Subject Matter Expert (SME).
3. A decision is made, and the proper course of action is taken.

Areas of Impact
- Energy
- Lighting
- Heating & cooling
- Fire
- Safety & security

Energy & sustainability
- Security
- Fire, life and safety

Monitoring
Reporting
Commissioning
Alert on-site engineer
Deploy mobile engineer
Correct issue remotely
**IntelliCommand**

*IntelliCommand* is powered by **Pacific Controls**, the innovator of self-learning software agents that connect smart devices and buildings to optimize performance in real time. Pacific Controls monitors more than 60,000 buildings for energy use, fire and gas alarms, elevator issues and more—empowering efficiency and quick response.

**JLL** is the leading global provider of facility and operations management services to corporations, institutions and real estate investors, providing technical expertise and streamlined processes to client portfolios in excess of 3 billion square feet. **JLL's Integrated Facilities Management (IFM) platform** brings together multiple service lines to deliver comprehensive solutions customized to each client’s needs. With thousands of energy and technology professionals around the world, JLL is better equipped than anyone else to serve your smart-building needs.

**IntelliCommand…it’s a no-brainer**

- **Reduce energy** by 10% or more, usually enough to repay your upfront investment in one to two years
- **Achieve savings** from reduced operational costs
- **Work smarter** by getting to root problems faster and knowing in advance what tools and parts to bring
- **Boost productivity** with an integrated work-order management system, streamlined sustainability reporting, and improved tools for capital management decisions
- **Avoid downtime risk** by catching potential component failures before they happen
- **Extend equipment life** for additional operational cost savings
- **Help to meet sustainability goals** with reduced CO₂ emissions
- **Improve occupant comfort** with a system that reliably optimizes workplace temperatures and air flows
IntelliCommand in action at Procter & Gamble

P&G is committed to applying innovation and advanced data analytics to its real estate operations. The company set aggressive, data-driven efficiency, sustainability and profitability goals, including reducing energy usage 20% by 2020.

JLL implemented IntelliCommand at four company sites in 2011, comprising 12 buildings and 3.2 million square feet. Payback was projected to be 18 months, but was achieved in a fraction of that time. Immediately upon implementation and connection of IntelliCommand at the pilot locations, JLL identified and corrected equipment that was out of calibration, faulty sensors and equipment running out of specified parameters. To date, we have identified 18% savings. The pilot was so successful P&G are moving forward with a global rollout. IntelliCommand is being deployed at 18 P&G sites in 116 buildings totaling 11.8 million square feet.