Intelligent Infrastructure Solutions
High Performance for the Life of your Buildings

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Construction practices, tools and procurement models are evolving

New architectural trends
• Net-zero & Bioclimatic

New delivery methodologies
• Lean construction
• Pre-fabrication

New procurement methodologies:
• Private-Public Partnerships (3P)
• Integrated Project Delivery (IPD)
Business Considerations are Changing Rapidly

Distributed Energy
Adaptable Facades
Flexible Work Space
Increased Efficiency

Carbon Neutral
Bioclimatic Construction
Living Building Challenge
Healthy Environment
More People Than Ever Interact with a Facility

Modern Needs
Information access
Visualization / Dashboards
Mobility & Remote Access
Safety

Modern Solutions
Smart Apps
Predictive Behavior
Analytics
Voice Control
Consumer expectations impacting Business expectations - IOT

Which is your favourite smartphone?
Future proofing our buildings – Change is the Only Constant

Changing Demographics

Changing Technology

Changing Expectations

Changing Budgets

Google office – Inspiredm.com
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Intelligent Infrastructure Solutions
Siemens answer to the changing market dynamics is I2S
Integrated Building Management System – IBMS

Intelligent Infrastructure Solutions
The Power Of I2S

INTEGRATED BUILDING MANAGEMENT SYSTEM

Command, Control & Communications Infrastructure

- Desigo CC
- Fire Alarm
- Video Surveillance
- Access Control
- Automation
- Smart Rooms

- Metering
- Mass Notification
- 3rd Party Partners & Systems
- Custom Integrations
- Application Extensions
- Security Command & Control

The Physical Infrastructure
Integrated Building Management System – Advanced Analytics

Data-Driven Intelligence

- Advantage Navigator App Groups including:
  - Efficiency
  - Supply
  - Projects
  - Performance (FDD)
  - Environment

- Security Analytics including:
  - Site IQ Analytics

Command, Control & Communications Infrastructure

ADVANCED ANALYTICS

INTEGRATED BUILDING MANAGEMENT SYSTEM

The Information Infrastructure
Intelligent Infrastructure Solutions – Advanced Analytics

The Information Infrastructure Navigator

- Efficiency
- Supply
- Projects
- Performance (Fault Detection / Diagnostic)
- Environment

Security

- Site IQ Analytics
Intelligent Infrastructure Solutions – Services

The Power Of I²S

- Command, Control & Communications Infrastructure
- Data-Driven Intelligence
- Advanced Analytics
- Services

The Service Infrastructure

Intelligent Infrastructure Solutions
The Power Of I²S

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The Service Infrastructure

- Pre-construction
- Design / Engineering
- Project Management
- Post Construction
- Data-Driven Services
Industry Benchmark for Intelligent Infrastructure “Services”

Technology provider
- Automation – Fire – Security
- Proprietary

Responsive
- Product based services
- Manual reporting
On-site delivery

Integrated building solutions
- Expanded technology bundle
- Open platform

Proactive
- Outcome based services
- Semi-automated reporting
On-site & remote delivery

Collaborative technology partner
- Technology contractor
- Open market ecosystem

Predictive
- Data based services
- Fully automated reporting
Lean operations

World-class professionals delivering / servicing products
Provider of choice delivering integrated building outcomes
Intelligent infrastructure partner with continuous recommendations

Leveraging today’s strengths to build a stronger future
Intelligent Infrastructure Solutions – I2S

SERVICES

Consult, Create and Sustain

ADVANCED ANALYTICS

Data-Driven Intelligence

INTEGRATED BUILDING MANAGEMENT SYSTEM

Command, Control & Communications Infrastructure

Intelligent Infrastructure Solutions
The Power Of I2S
BT Direct

- Global experience – over 100 years
- Regional depth & Local presence

**North America:**
- 110 offices
- 1,500 vehicles on the street
- 7,500 experts in the market
- 40,000 installed systems
- 35,000 under service
Intelligent Infrastructure Solutions – I2S

SERVICES

CONSULT, CREATE AND SUSTAIN

ADVANCED ANALYTICS

DATA-DRIVEN INTELLIGENCE

INTEGRATED BUILDING MANAGEMENT SYSTEM

COMMAND, CONTROL & COMMUNICATIONS INFRASTRUCTURE

CONSULT, CREATE AND SUSTAIN

DATA-DRIVEN INTELLIGENCE

INTEGRATED BUILDING MANAGEMENT SYSTEM

COMMAND, CONTROL & COMMUNICATIONS INFRASTRUCTURE
Questions