



# Infrastructure Intelligence

by **DYWIDAG**

**INFRASTRUCTURE INTELLIGENCE (II) IS THE CLOUD SOLUTION SELECTED BY LEADING CONSTRUCTION COMPANIES, ASSET OWNERS AND ENGINEERS TO MEET ALL THEIR DATA MANAGEMENT, VISUALISATION AND REPORTING NEEDS.**

Developed and operated by DYWIDAG, II is the result of software and technology investment that has revolutionised the storage, processing, visualisation and reporting of complex engineering data. By leveraging the cloud platform and services provided by Microsoft Azure, II delivers a high availability, scalable solution that protects against data centre failure.

## COMPREHENSIVE INFORMATION AT YOUR FINGERTIPS



### Configure a high quality monitoring scheme from your web browser.

Track and measure temperature, weather, impact and movement, helping you anticipate and mitigate risk.



### Implement an early response alarm system.

Based on agreed protocols with clear alerts and an escalating alarm system supported by real time updates and a 24/7 control centre.



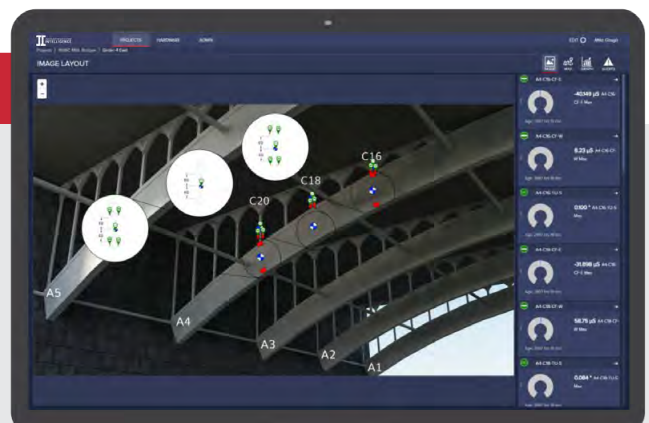
### Get real time contextualised data.

Infrastructure Intelligence continuously processes thousands of data points every 30 seconds from high tech sensors and 3rd party data sources.



### Run intelligent reporting in real time from any device.

Track and identify reactive and proactive mitigation issues with personalised stakeholder views and adjustable charts & tables.



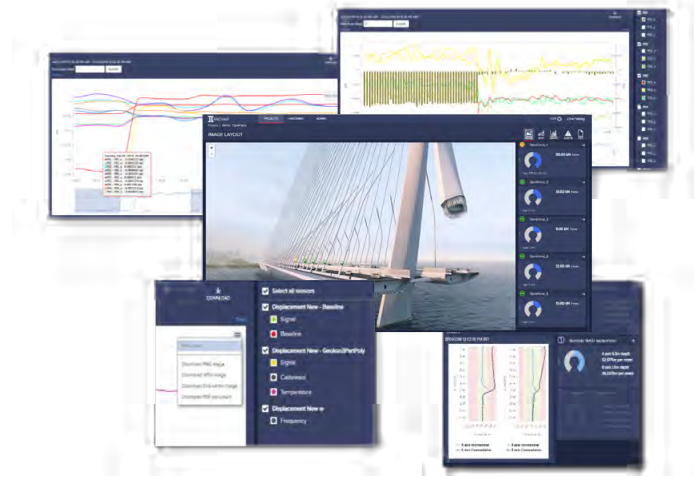
Imagery combines multiple sensor types, site sections and project documentation ensuring a concise output to Big Data.



Charts and graphs demonstrating the visualization of different styles of data

## A TAILORED DISPLAY

- Create multi-layered user profiles with customisable permissions
- Simplified data transfer with automated connectivity
- Quick and easy addition of manual data
- In-depth project breakdown structure to reduce complexity
- Powerful and intuitive project dashboard
- Visual representation of data
- Automated notifications to multiple users via email or SMS
- Interactive charting engine



## INFRASTRUCTURE INTELLIGENCE SERVICE LEVELS

### PRO

Up to 200 Sensors

Single Sensor Type

Engineering Units

Sensor Location Mapping

Timeline Charts  
Data Download

Max & Min Alerts  
Email & Text Alerts

### EXPERT

Up to 500 Sensors  
(Inc. Standard Features)

Multiple Sensor Types  
Dynamic Event Recording

Virtual Sensors  
Calibration Factoring

2D/Photo/Schematics  
Hierarchy Result Navigation

Vertical Charts  
Tabular Displays

Condition Alerts

### GENIUS

Unlimited Sensors  
(Inc. Plus Features)

Site Storyboarding  
External Data Feeds  
Event Videos

Microsoft Analysis Tools  
Complex Data Calculations

3D Interactive Images

Bespoke Charts

Complex Alerts



## GET IN TOUCH

### OUR HEAD OFFICE

Neuhofweg 5, 85716 Unterschleißheim, Germany

### CALL US

+44 161 797 5511

### EMAIL US

Info@dywidag-systems.com

### FOLLOW US

 @DYWIDAG

 @DywidagSystems