

Campus Solutions

FUNCTIONAL GROUP	DATASET	CHALLENGE
CRITICAL UTILITIES	All critical utilities	Type, length, age, count, condition, depth, size, as-built
	Water	Break and shutoff analysis—if it breaks here, where do we shut off and which buildings and hydrants will be impacted?
	Sewer	Where does this drain to?
	Storm and drainage	What drains to here?
	Electrical	Where does a specific cable run? Which cables are in this set of conduits? How many conduits are available in the duct?
SUPPORTING UTILITIES	Exterior lights	Inspection schedule, age since replacement
	Tunnels	Access points, contents, sections
	Chilled water	What where connected to what?
	Steam	What where connected to what?
	Irrigation	What where connected to what?
HIGHLY VISIBLE INFRASTRUCTURE/ASSETS	Buildings	Footprint, space use and assignment
	Signage	What, where, count, age and condition?
	Trees	What, where, size, age, condition, sponsor, value, oxygen contribution?
	Ground panels	What, where, size, treatments, labor?
	Hardscapes	What, where, condition, cleaning?
	Street stripping/parking	What, where, condition, assignment
EMERGENCY AND SAFETY	Egress points	Where, size, door code/key, schematics?
	Collection areas	Where, capacity, serves what, emergency access?
	Emergency shutoff panels	Where, codes?
	Fire truck access	Access limits, width/weight
MANAGEMENT ACTIVITIES/DIRECTIVES	Turf reduction program	Assess, plan and project
	Heritage and sponsor trees	What, where, age, sponsor, value, photo?
PLANNING AND ANALYSIS	Master plan	Zoning, visibility, growth plan
CAPITAL IMPROVEMENTS	Planned projects	What, where, when, emergency contacts, completion?
	Active projects	What, where, when, emergency contacts, completion?
OTHER INFRASTRUCTURE/ITEMS	Bike racks	Where, capacity, type, condition?
	Benches	Where, type, age, condition?
	Trash cans	Where, type, age, condition?
	Parking allocations	Where, type, assignment?
	Event usage	What, when, requires, sponsor, contacts, cost center?
	Bridges	What, where, inspection/cleaning, age?
	Fences and guard rails	What, where, type?
	Wayfinding	How do I get from this building to another—via bike, on foot, car?
	Tablet devices	View data at the point of installation, capture photos and update data, enter work orders

Geospatial Engineering Suite

Utilizing open standards and engineering best practices, we deliver fit-for-purpose solutions with a focus on productivity improvements, definable return on investment and long-term savings.

ASSET INTELLIGENCE

The **Munsys Ai Suite** is a commercial off the shelf spatial application that is designed to bridge the gap between engineering and GIS. The software can be deployed rapidly and is easy to use. The applications are rules based and data is stored according to Open Geospatial Consortium standards. Improve your productivity and the quality of your data in a true multi-user geospatial engineering environment.



BUSINESS INTELLIGENCE

The **enlighten Bi Suite** is a map centric visualisation portal that incorporates all types of geospatial, engineering and corporate data. Access to data is provided through an internet browser. Data is consolidated from many corporate repositories and presented in a single application.



CLOUD INTELLIGENCE

The **Managed Service Ci Suite** is the scalable delivery of all geospatial and engineering resources. On demand access to editing resources that keep engineering, asset, and geospatial data up to date. The enlighten Bi Suite is delivered as a service with full geospatial integration into critical business systems. An outcomes driven approach.



DESIGN INTELLIGENCE

The **As Constructed Design Certification Di Suite** automates the import of As-Built drawings into any GIS and Asset Management system concurrently. ACDC provides an easy to use configuration of attribute rules and engineering geometric validation. The configuration of rules supports multiple standards (including A-Spec, ADAC v4 and others).



FIELD INTELLIGENCE

The **Open Spatial Fi Suite** provides maps in the field on a variety of lightweight or ruggedized mobile devices. Field Intelligence knows where mobile staff are at all times and whether they are in an isolated location or by themselves. When integrated with common work order management systems Open Spatial Fi is an essential work companion on the move.

