What is the SmartPile® EDC System?

- Electronics/Sensors embedded in the pile core at both pile ends...
- Wireless communication and data transmission from the pile
- Ruggedized Workstation to collect sensor data in Real Time
- Software to Analyze, Present, and Report
- Data Portal to organize and share results
Typical **SmartPile**® EDC System Configuration (2 Gauges)

- **SmartPile**® Wireless DataPort (flush mounted)
- **SmartPile**® Sensor Pack – Pile Top (with combined accelerometer, temp. and strain sensing)
- **SmartPile**® Sensor Pack – Pile Tip

500 foot range...

configurable up to 3 SensorPacks total/system

**SmartPile**® Engineering Workstation

**SmartPile**® Universal Installation Bracket makes installation quick and simple
SmartPile® EDC Engineered Installation Process
SmartPile® EDC Engineered Installation Process - Casting
The SmartPile® EDC System is not a simple pile capacity testing technology, but instead a Foundation Structural Surety System ...

EDC is an advanced production tool that provides for consistent and efficient full dynamic foundation testing that enables contractors to realize:

1. Resistance Factor cost savings for optimized foundation design
2. construction speed / efficiency advantages
3. improved foundation quality control / reporting