



SMARTERCITY.TECH IS PROUD TO ANNOUNCE ITS PARTNERSHIP WITH DGS (DIGITALGLOBALSYSTEMS.COM) FOR DEPLOYMENT OF ITS TECHNOLOGY ON INDUSTRY LEADING 5G NOVA CELLTECH (NOVAPOLE.COM).



Digital Global Systems (DGS) Headquartered in Washington DC was formed in 2013 and specializes in the delivery of advanced, Real-Time RF Spectrum analysis and monitoring for the Defense, Transportation, Utilities, Public Safety & Telecoms markets. DGS' patented technology is the leader in spectrum monitoring for small cell deployment planning of carrier signal and drone detection. DGS has recognized the unique capabilities of the Nova CellTech small cell smart pole and has entered into an agreement to exclusively customize the DGS edge appliance for use in the Nova CellTech small cell smart pole. The result of the DGS Nova CellTech collaboration allows for efficient deployment and easier integration of the technology to the following markets on a multi-national, global scale:

- **Comprehensive Situational Awareness - Advanced Threat Detection for Airports**
- **Enhanced Security for Energy, Oil and Gas - Identify threats to critical infrastructure with intelligent wireless monitoring**
- **Performance, Efficiency and Security for Transportation - Delivering wireless knowledge to support communications and security**
- **Telecommunications - Improve Capacity and Performance**
- **Stadiums and Campuses - Enhance security and operational efficiency at large venues**
- **Public Safety - Improving Network Performance and Incident Response**
- **Situational Intelligence for Correctional Facilities - Combine Drone Threat Management and Mobile Device Detection in One Platform**
- **Defense and Security - Situational Intelligence**



The [Nova CellTech 5G Small Cell Base](https://NOVAPOLE.COM) can be outfitted with a wide array of street lighting and signage options from world-class lighting manufacturers including Sternberg Lighting and DimOnOff (DimOnOff.com).

As a light pole, the Nova CellTech's positioning within the city streetscape make it an excellent starting point for the evolving Internet of Things (IoT) and Smart Cities initiatives.

The Nova CellTech programs have included technology from AT&T Smart Cities Digital Infrastructure with DimOnOff Smart City Sensors and Microsoft Azure IoT Edge and IoT Hub .

DimOnOff Smart City Sensors

DimOnOff offers IoT management solutions for many sectors that need to become more efficient by gathering better data and distilling insight for improved decision making.

Edge Micro Data Centre

The demand for new data centres at the network's edge is growing exponentially, driven by the emergence of applications requiring data to be processed much closer to where it's generated.



**WIDEBAND
HIGH-POWER
ANTENNA**



SigBASE™ 4000

DGS TECHNOLOGY IS A CORNERSTONE FOR COMPANIES IN THE BELOW INDUSTRIES IN THEIR QUEST FOR COMPETITIVE ADVANTAGES:

Advantages

- Automated, Real-time processing
- Environmental learning technology
- Autonomous alarming and operations
- Distributed architecture with remote management
- Knowledge displayed on a single pane of glass
- Wideband scanning
- High speed/high resolution
- Low network backhaul requirements
- Multiple deployment models (fixed, mobile)
- Locate signals of interest
- 3rd party integration (APIs)

DGS INDUSTRY TECHNOLOGY HAS 30 PATENTS ON A SOLUTION WHICH DELIVERS

Small Cell Planning Improve Capacity and Gain Competitive Intelligence.

- Passive, Nomadic Field Collection
- Big Data Analytics
- Digital Global Systems (DGS) Headquartered in Washington DC was formed in 2013 and specializes in the delivery of advanced, Real-Time RF Spectrum analysis and monitoring for the Defense, Transportation, Utilities, Public Safety & Telecoms markets.
- DGS has been awarded 30 Patents for the advancement of spectrum monitoring and RF data management, enabling the capture and analysis of wideband spectrum data at the point of intercept for applications that deliver real-time situational awareness.

Critical Asset Protection

Enhance Security by detecting
RF Threats.

- Perimeter Protection
- Drone Threat Management
CLEARSKY™

Drone Threat Management

Rapid detection at significant
distance provides time to
react.

- Detect, Classify and Locate
- Drone Interdiction (Defend)

Spectrum Monitoring

Intelligent Monitoring Converts
Data into Knowledge.

- Fixed and Mobile Solutions
- Interactive and unattended options