



# WE'RE COMMITTED TO Making Cities Smarter™

## SMART CITIES ARE CONNECTED CITIES

Expanded access to the Internet at incredible speeds, using in-phone apps and online websites, has increased our ability to make informed decisions - making our citizens and our cities smarter.

The demand for data will grow at an exponential rate over the next 5 years, accelerating the need for **increased cellular infrastructure**, in the form of Small Cell Wireless sites, strategically placed throughout populated urban and suburban centers.

Small Cells are the technology of the future, allowing mobile network operators the ability to provide the required bandwidth – with a much smaller footprint than the traditional, very tall ‘macro’ cell towers familiar to most people.

## Smart governments are informed governments

Municipal leaders are challenged with providing citizens expanded cellular connectivity, for the good of the community, while balancing the needs of public agencies and private landowners.

### Government officials are being bombarded with data and are seeking answers.

In communities across the US, Small Cell technology is expanding, in some cases with little regard to site selection or aesthetics.

Ugly or poorly sited Small Cell installations are leading to Not In My Front Yard ordinances and litigation, conjuring up the NIMBY fights that took place over the larger Macro cell towers in the 1990s, over issues including:

- Poorly designed installations on utility poles
- Out-of-scale installations in residential areas
- Multiple carrier installs with no apparent coordination

## Your community has a voice

At nepesa solutions, we're offering a better way. We're learning from municipalities across the US, asking questions in search of answers to your community's needs.

**Our team is working with Mobile Network Operators and Municipalities to reach shared goals:** expanded connectivity and capacity for citizens with solutions designed to take all parties needs into account:

- Aesthetically pleasing designs that do not disrupt
- Revenue-generating opportunities
- A consistent, repeatable and efficient review and approval process
- Solutions which enhance public safety, environmental and quality-of-life issues
- Custom-designed solutions for historical districts and much more...

We can assist your municipality with creation of model ordinances, drafting of master licensing agreements and license supplements, all with a goal of mutual satisfaction.

# SMART CITIES

## Start with Intelligent Infrastructure

### KitstiK™ 18 t shown

Custom lighting available to match your needs

The telescopic pole is set to the preferred height at installation with adjustable rad centers from 27' to 40' high



Patent-pending telescopic design allows for pole height adjustments at any time during the life of the product

### Custom decor, design and lighting solutions

At nepsa solutions, we offer communities with historic preservation concerns a range of design and fabrication services. We've partnered with national lighting companies, including **Sternberg Lighting**, one of the nation's premiere designers and manufacturers of decorative street lighting and architectural street furniture since 1923.

Sternberg's products are well-received by public works officials in many state and local municipalities across the country with applications including:

- Arts districts
- Waterfront and residential enclaves
- Historic districts
- Gaslight districts

### A nepsa solutions KitstiK™ is:

- Beautifully engineered, designed and constructed
- Built to ANSI/TIA-222-G standards to withstand high winds
- Designed to hold up to 8 radios, all wiring and related equipment completely contained with the pole
- Constructed of durable aluminum

### The KitstiK™ is just the beginning

Our KitstiK™ is just the start. Combine it with technology for the rapidly expanding Internet of Things [IoT] – the possibilities – and your community's opportunities are endless:

- Sensors for environmental and energy management
- Tech and systems for public safety systems for law enforcement
- Intelligent Transportation Systems (ITS) for traffic, parking and car and driver

### nepsa solutions is a better way.

After years of experience with 'business as usual' we've created a better way. nepsa solutions combines the expertise, technology, insight and financial strength necessary to meet the exploding demand for mobile data usage, with a suite of products and services purpose-built to meet the needs of mobile network operators and **the communities they serve.**

### FOR MORE INFORMATION, INCLUDING SPECIFICATIONS, FINANCING OPTIONS AND MODEL ORDINANCES, PLEASE CONTACT:

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