INTRODUCTION
Cities are currently facing significant challenges due to increasing population, burdens on existing infrastructure, environmental and regulatory requirements, a declining tax base, and diminishing budgets. Governmental agencies need to find creative ways to do more with less. The solution is smart cities—cities that use electronic data collection sensors to supply information to more efficiently manage assets and resources. Smart cities integrate information and communication technology (ICT) and various physical devices connected to the Internet of Things (IoT) to optimize city operations and services.

Adroit Smart City solutions from Creant Technologies manages all of a city's operations across multiple locations and systems. The solution provides open integration with any platform with a single interface.

ADROIT SMART CITY SOLUTIONS FROM CREANT TECHNOLOGIES
Adroit Smart City solutions is a suite of products that use an open source platform to offer a modern interface, fast and open exchange of data, and increased security through video surveillance and sensors. The offering includes a suite of customizable turnkey products and services that provide businesses with the tools to quickly automate, connect, and virtualize their IT environments. Adroit Smart City solutions, built on Red Hat® Enterprise Linux® and Red Hat® Fuse, offer:

- Comprehensive solutions to connect, automate, and manage diverse systems including solid waste management, traffic management, energy efficiency, electronic governance, intelligent lighting systems, healthcare, parking, and surveillance.
- Built-in analytics to pull and analyze data from city operations and management systems.
- Scalability for effective deployment in small, medium, and large cities.
- Reduced costs and increased efficiency through centralized management, intelligent lighting, environmental monitoring, and analytics.

Figure 1. Creant Technologies Smart City architecture

1 "Smart Cities Market by Focus Areas, Transportation (types, solutions, services, Utilities (types, solutions, services, Buildings (types, solutions, services, citizen services (types) and region - Global Forecast to 2022“ July 2017 https://www.marketsandmarkets.com/PressReleases/smart-cities.asp
FEATURED RED HAT PRODUCTS

Red Hat Enterprise Linux is a stable, proven foundation that is versatile enough for rolling out new applications, virtualizing environments, and creating a secure hybrid cloud—all backed by award-winning support.² It is just one reason 90% of Fortune Global 500 companies choose Red Hat.³

Red Hat Fuse middleware is a lightweight, flexible platform that allows rapid integration across the extended enterprise—on-premise or in the cloud. Fuse includes modular integration capabilities and an enterprise service bus (ESB) to unlock information.

CREANT TECHNOLOGIES AND RED HAT STRATEGIC ALIGNMENT

Creant Technologies is an independent software vendor (ISV) that focuses on customers in the government sector. Its Adroit Smart City solutions, based on Red Hat technology, quickly provide business value and are fully supported by Creant Technologies.

CONCLUSION

Adroit Smart City solutions from Creant Technologies use data and digital modeling to help cities facilitate better design and efficient management to generate savings and enhance citizen services. Benefits include:

• Improved citizen services, including a mobile app for services, including voter ID and passport registration, and with social media integration for real-time citizen engagement.

• Seamless integration and management of critical city departments using Red Hat Enterprise Linux and Fuse.

• The ability to analyze and pull key data from city operations and management systems for better governance.

• Lower cost for government agencies with Red Hat subscription model.

NEXT STEPS

Contact info@creanttechnologies.com to schedule a demonstration of the Adroit Smart City solution at their experience center.

ABOUT CREANT TECHNOLOGIES PVT LTD

Creant Technologies is a technology consulting, enterprise IT, and product engineering services firm that helps customers become more productive, nimble, and smarter.

³ Red Hat client data and Fortune 500 list, June 2017