MODERNIZE CITY OPERATIONS WITH CREANT TECHNOLOGIES AND RED HAT

PARTNER SOLUTION BRIEF

Smart cities' market worth US$1.2 billion by 2022.[1]

The market size for smart cities is expected to grow from US$424.68 billion in 2017 to US$1,201.69 billion by 2022, at a compounded annual growth rate (CAGR) of 23.1%, due to a variety of factors such as:

• Rapid connectivity.

• Growing energy consumption.

• Increasing share of renewable energy and limitations in capacity expansion.

• Decrease in operational cost for smart building infrastructure in capacity expansion. [1]
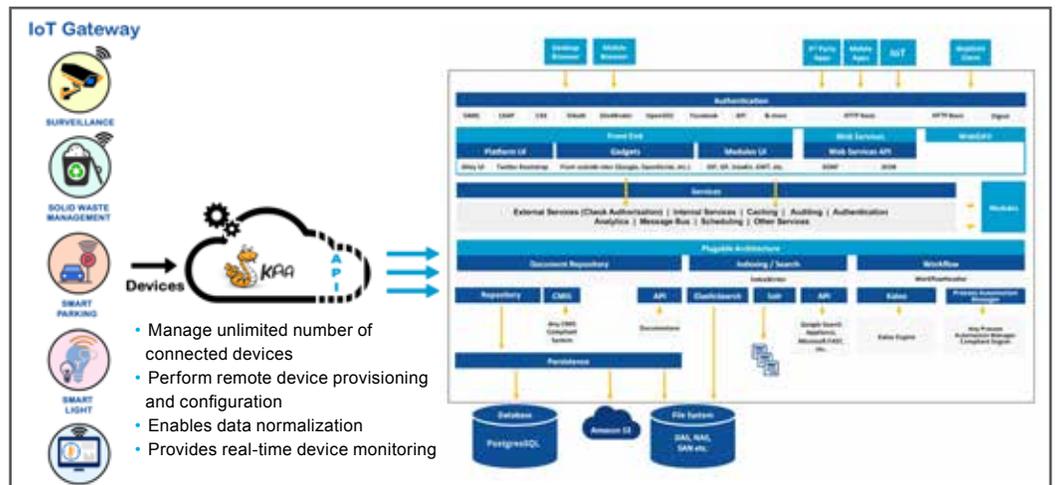
INTRODUCTION

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:
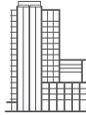
• Comprehensive solutions to connect, automate, and manage diverse systems including solid waste management, traffic management, energy efficiency, electronic governance, intelligent lighting systems, healthcare, parking, and surveillance.

• 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

RED HAT ENTERPRISE LINUX®

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

NORTH AMERICA
1 888 REDHAT1

EUROPE, MIDDLE EAST,
AND AFRICA
00800 7334 2835
europe@redhat.com

ASIA PACIFIC
+65 6490 4200
apac@redhat.com

LATIN AMERICA
+54 11 4329 7300
info-latam@redhat.com

facebook.com/redhatinc
@redhatnews
linkedin.com/company/red-hat

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 Adriot 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.

2 https://www.redhat.com/en/customers
3 Red Hat client data and Fortune 500 list, June 2017