



Amdocs Smart City

Powered by:

 Juganu

 amdocs
make it
amazing

A Smart City is a municipality that uses **communication, information & technology** to enhance urban services operations and improve its population's quality of life.

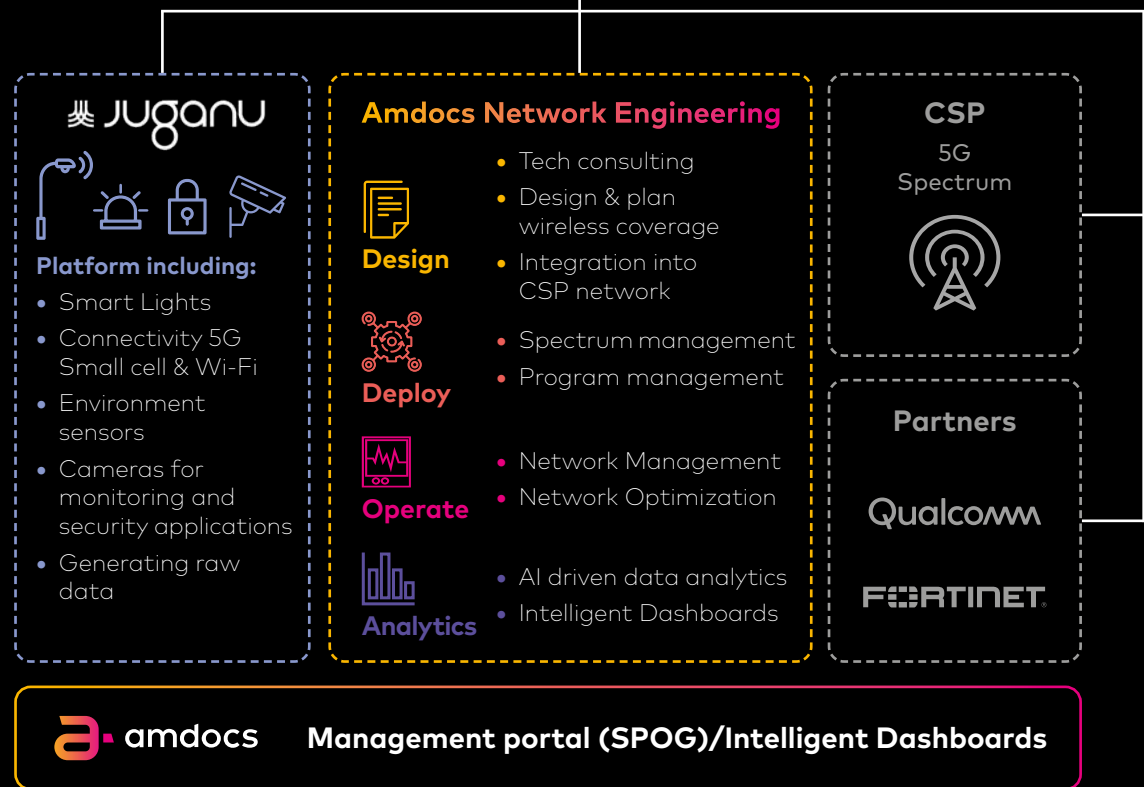
By adding values of data analytics, and interconnected infrastructure, it creates a fertile ground for accelerated business growth for entrepreneurs and businesses.



Monetize your network with SmartCity

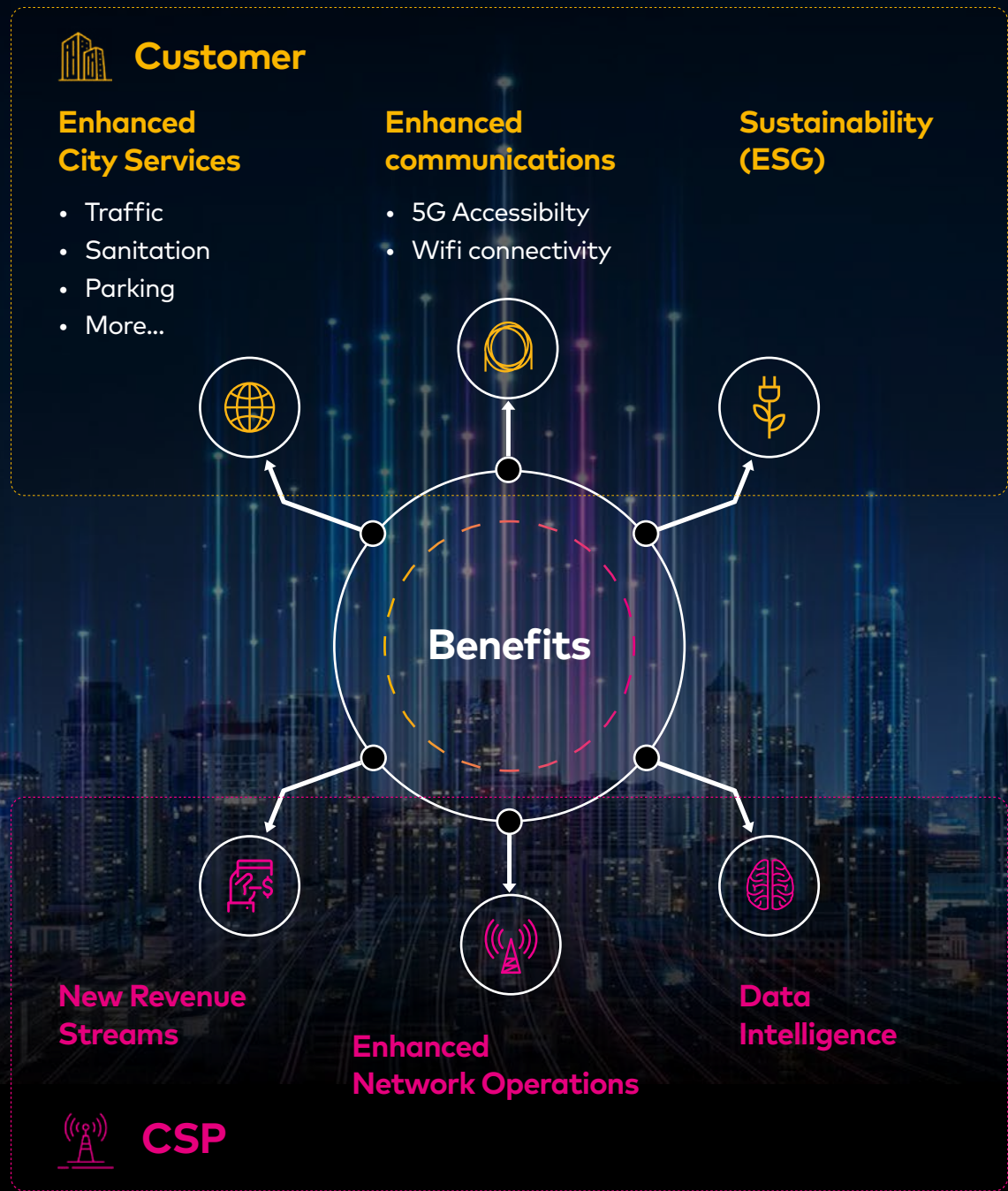
Together with partners, Amdocs provides CSPs with innovative SmartCity solution, providing customers with new revenue opportunities, while providing the cities with multiple use cases.

Juganu provides an intelligent, connected lighting system, backed by their analytics platform, while amdocs provides advanced network engineering to integrate the Juganu solution into the macro network. Together, along with the CSP, customers can quickly get up and running with innovative solutions.



Creating a real win – win

SmartCities create a real win-win for both CSPs and the customers deploying the solution. CSPs benefit from new revenue streams, improved network quality for their end customers and a new rich data source. The customer (whether municipality or enterprise) can use the solution drive enhanced services such as traffic management and personalized advertising, as well as improved communications and better control of sustainability issues



Why Amdocs for Smartcity?

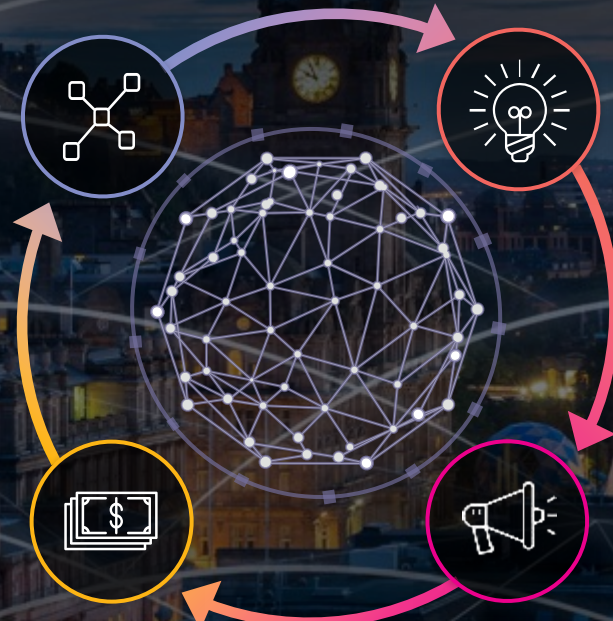
Amdocs streamlines Smart City deployment & operation, accelerates TTM, and reduces risk.

Amdocs is the ideal partner for CSPs looking to get into SmartCity solutions for their customer. We bring a wealth of expertise in network engineering & operations, integrating the 5G small cells into the CSP macro network. We have deployed and operate 4G & 5G networks around the world, leveraging our automation technology for design and operations. And we provide a variety of business models to meet your needs.

End to end network engineering & operations

1.

2. Global, Multi-domain Expertise



Flexible Engagement & Commercial Models

4.

3. Software Automation for Scalability

Smart Lights from



The foundation of our solution lies in the amazing technology from our partner, Juganu. Their smart lights provide cities and enterprises not only with a great lighting solution, but come with built in wireless connectivity for both wifi and 5G, hi-res cameras, environmental sensors and more. And with the wireless backhaul to connect the lamps into one network mesh, and a standard pole, they are easy to deploy, with tremendous CAPEX savings

Environmental Sensors

- Temp
- Humidity
- Pressure
- Gas

Connectivity: Wireless backhaul + 5G/WiFi access network

- Full duplex proprietary wireless network
- IoT Hub - multi-protocols
- Sophisticated access Wi-Fi 11.ac/ax

Audio Sensor

- Mic array to point origin

Optical Sensor

- High-res video camera

Lighting Module

- LED, Power, Optic choice

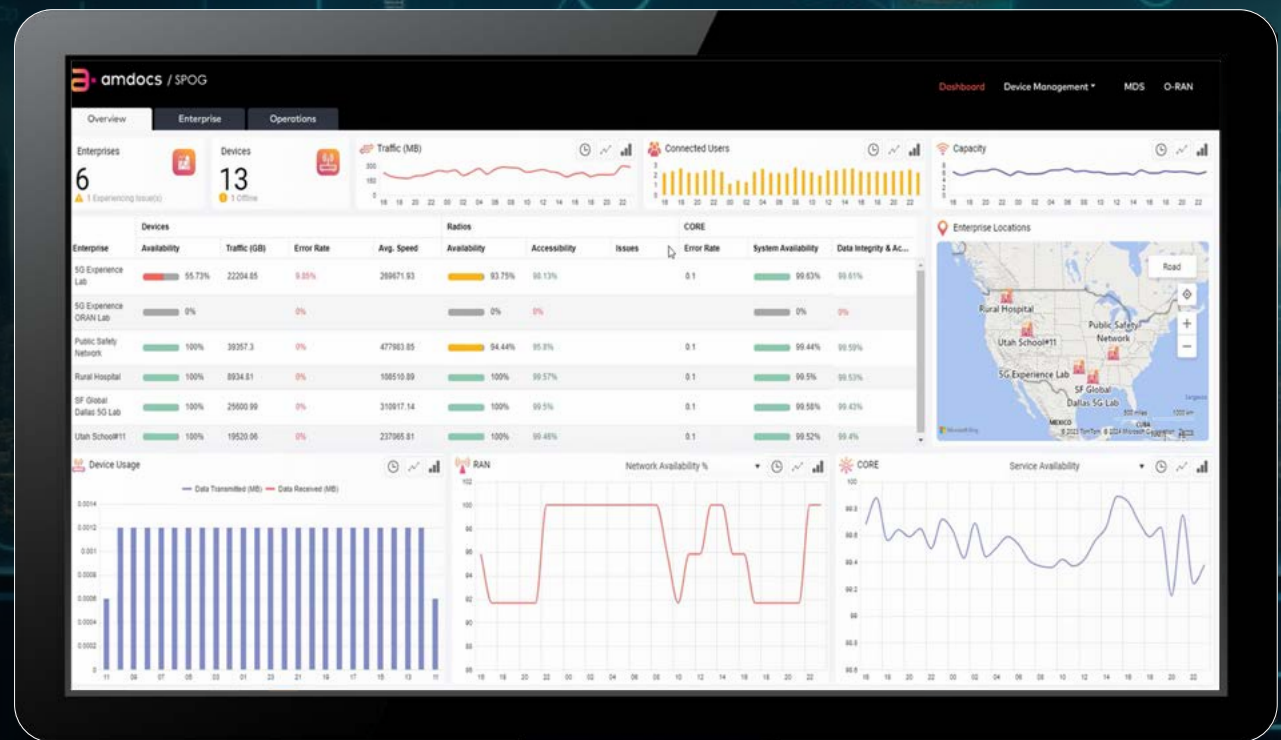
Mounting

- Standard pole size



Single pane of glass for end-to-end management

Amdocs provides the end to network engineering and operations, backed by our single pane of glass, which gives the CSP a unified view of all their private network and smart city deployments. You can quickly and easily detect potential issues, and mitigate problems using the GenAI powered co-pilot. This helps ensure enhanced network quality for the end users.



Adding Intelligence to City Environments

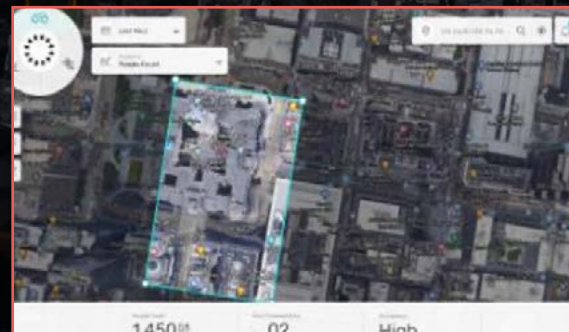
SmartCities enable a variety of innovative use cases for the city. These can include helping visitors find available parking, tracking where people are gathering (and ensure enough security is in the area) or powering smart traffic management based on flow of traffic

And the possibilities are endless, based on the data that is generated from the solution

Parking lot monitoring



People/Crowd monitoring



Traffic monitoring



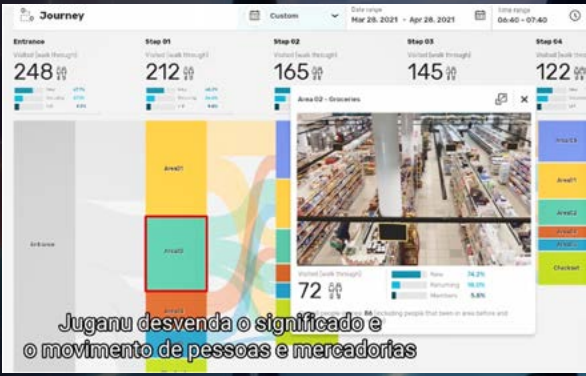
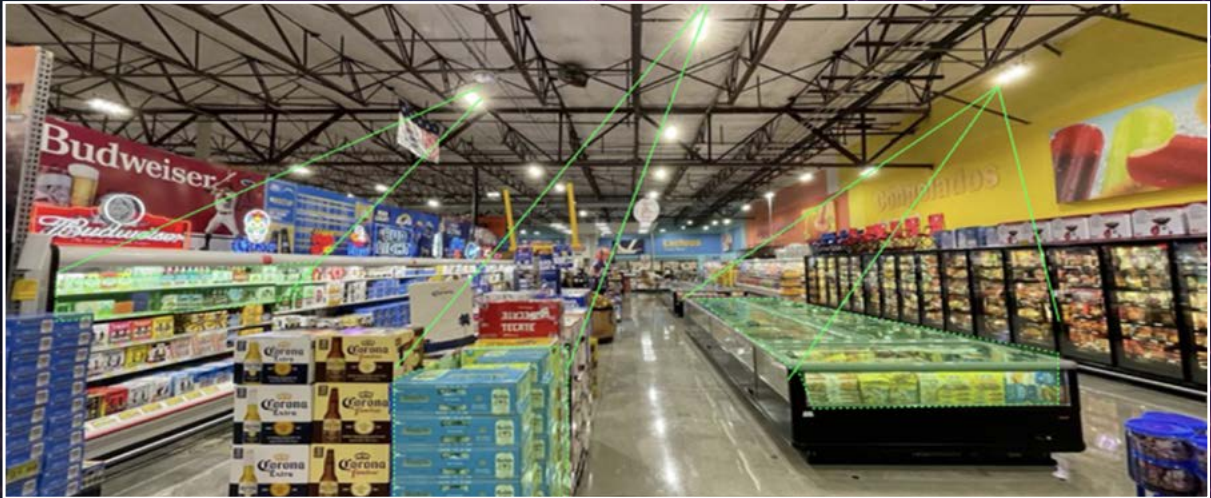
Making Retail Smarter

And the solution is relevant for indoor applications as well. With a dedicated light fixture for retail environment, stores can leverage the juganu platform for increased efficiency, identifying which products are missing from shelves, where more cashiers are needed, and enhanced security.

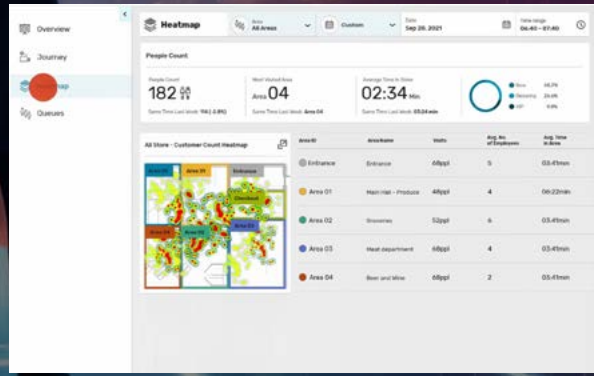
 **Inventory Management**

 **Employee Management**

 **Security**



Juganu desvenda o significado e o movimento de pessoas e mercadorias



A long-exposure photograph of a city at night. In the foreground, a train with red and blue light trails moves along an elevated track. Below the track, a road with white light trails from cars is visible. In the background, a dense city skyline with illuminated skyscrapers and buildings is reflected in a body of water. The sky is dark with some clouds.

Thank You