

108 AMBULANCES IMPROVED THEIR PRODUCTIVITY WITH MATRIX TIME-ATTENDANCE SOLUTION

Case Study



COMPANY PROFILE

Rural communities have struggled for a long time to maintain access to quality health care services. There is lack or limited number of clinics in rural areas. Ziqitza Health Care Limited signed to implement "Madhya Pradesh Emergency Medical Ambulance and Healthcare Services" for the government. This mobile clinic would travel in rural areas, covering every small village. These are called Madhya Pradesh Mobile Units (MMU).

PROJECT HIGHLIGHTS

- **Application:** Time-Attendance
- **Users:** 700+
- **Devices:** 144
- **Locations:** Madhya Pradesh (Multi-location, Rural Area)
- **Industry:** Healthcare

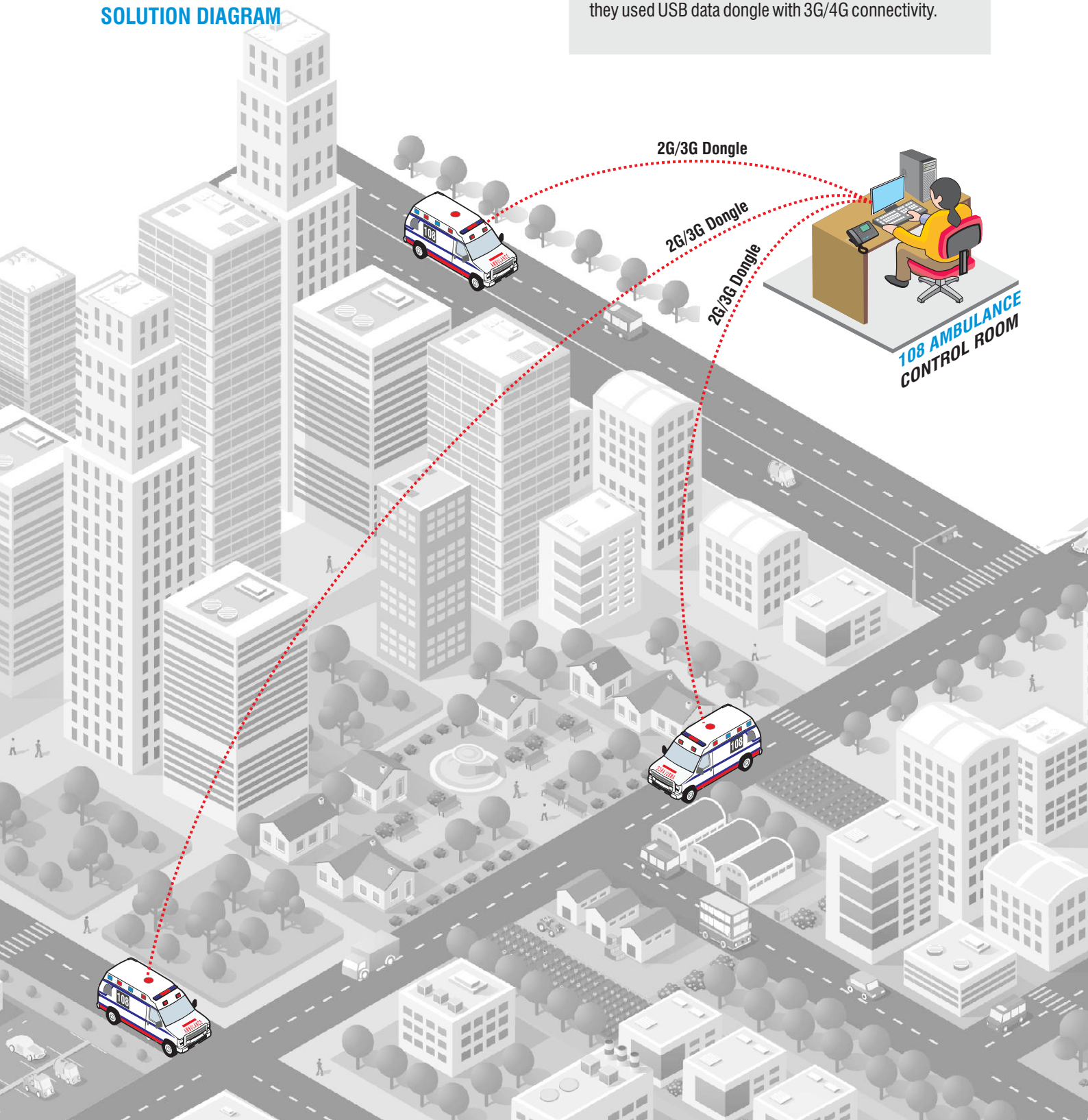
BUSINESS CHALLENGE

As the ambulance is on move all the time, attendance capturing of doctors and nurses was a problem. Above that, vibrations from a moving vehicle led to difficulty in installation of an attendance marking device. Furthermore, provision of LAN connection not being possible in a moving vehicle, device connectivity posed as another problem. Moreover, keeping track of 144 ambulances all together with their doctors and nurses was a difficult task for the government of Madhya Pradesh.

MATRIX OFFERED SOLUTION

Matrix offered flexible and reliable devices and software to the government of Madhya Pradesh for MMU (Madhya Pradesh Mobile Units) in rural areas. Around 144 devices were installed in the ambulance in a way that they could withstand the vibrations of a moving vehicle. Matrix Time-Attendance solution enabled them to capture accurate attendance of doctors and nurses. These devices also allow keeping track of each of these ambulances having more than 700 users. These products have auto push technology which transfers data to the server in real-time. For real-time data transfer, they used USB data dongle with 3G/4G connectivity.

SOLUTION DIAGRAM



RESULT

Improved Efficiency through Real-time Attendance Data

PRODUCTS

PRODUCT	QUANTITY	DESCRIPTION
COSEC DOOR FOT	144	Fingerprint and Card based Door Controller for Time-Attendance Application
COSEC CENTRA ME	1	Application Server Platform with 500 Users and Expandable up to 1,000 Users
COSEC ME TAM	1	Time-Attendance Software
COSEC USER100	3	100 Users License

ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization, Matrix is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VOIP Gateways and Terminals, GSM Gateways, Access Control, Time-Attendance and Video Surveillance solutions. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



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