DIGITALISING SLOT MACHINES WITH CELLULAR ROUTER

HIGHLIGHTS

Even with the rise of online gambling, slot machines remain a dominant force in the market. In 2024, there were over 1.7 million gaming machines in operation worldwide, reflecting their enduring popularity. Projections indicate that the global gambling market will reach approximately $471.4 billion in revenue by 2025, with a compound annual growth rate (CAGR) of 3.4% from 2025 to 2029.

Managing vast fleets of analog slot machines across countries or continents has become a critical challenge for casino operators, who seek reliable solutions to prevent costly downtimes and legal disputes caused by equipment failures.

To enable efficient remote monitoring, updates, and secure connectivity without replacing legacy infrastructure, Teltonika's RUT956 cellular router was chosen for its multiple I/Os, RS232/RS485 interfaces, dual SIM failover, GNSS, and Remote Management System (RMS) support.

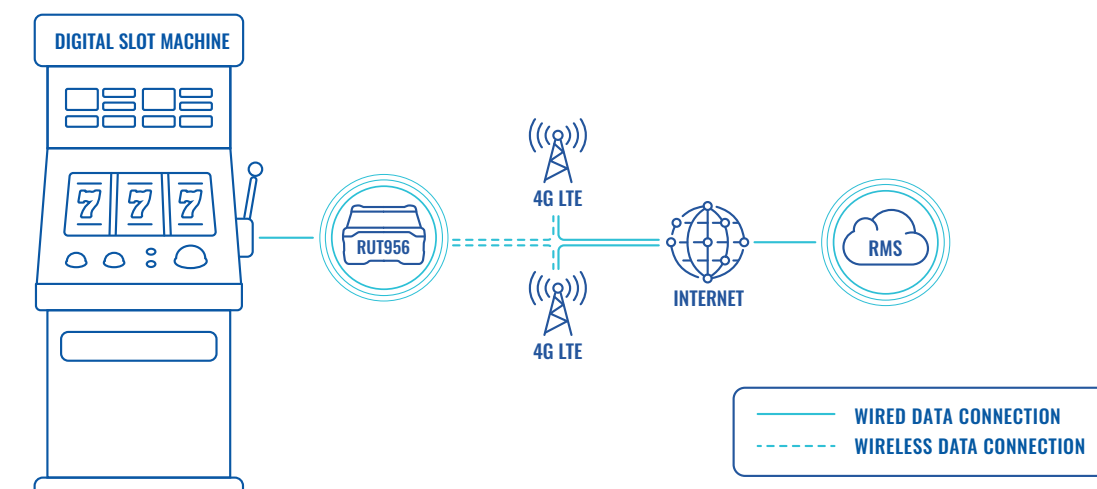## THE CHALLENGE – KEEPING SHOE CARE INNOVATION IN STEP

Slot machines have been around for more than a century. Better technology was needed for equipment maintenance and monitoring due to the recent surge in popularity and digitization.

Nowadays, vendors can have hundreds of thousands of machines spread across a nation or even a continent but maintaining and fixing them can be a challenge.

Casinos could suffer significant consequences from a slot machine malfunction, including monetary losses and drawn-out, complex legal actions. As a result, the owners are unwilling to take any chances and are searching for ways to prevent such circumstances or, at the very least, reduce the amount of time and related resources required to fix mistakes.

Luckily, there is a way to avoid these inconveniences and smoothly operate slot machines from any part of the world with the industrial cellular router.

TOPOLOGY

THE SOLUTION – MODERN CONNECTIVITY FOR LEGACY EQUIPMENT

As the majority of the slot machines that are used today are still analog and changing the whole infrastructure is quite a huge investment, the vendors are looking for alternatives. Connectivity to legacy analog equipment, remotely centralised game updates, monitoring and control can be reached with RUT956 cellular router.

The RUT956 is a great fit for such purposes since it has multiple digital and analog inputs/outputs, and RS232/RS485 serial communication interfaces. 4 Ethernet ports and Wi-Fi for primary connectivity, while dual SIM is used for backup, ensuring connection continuity and easy deployment in remote locations.

A vast selection of VPNs provides high-level security. Remote management system (RMS) makes it simple to monitor and upgrade numerous slot machines centrally from any location in the world. Additionally, it aids with predictive maintenance and archives important data. To tackle the issue as quickly as possible, error events enable prompt replies and location identification.

Digitalising analog devices with RUT956 industrial cellular router also makes it possible to accept card or cryptocurrency payments, which improves the user experience by allowing them to utilize their preferred payment method.

Upgrade legacy slot machines without overhauling your entire infrastructure. With Teltonika's RUT956 industrial cellular router and RMS, you get secure, remote 4G router connectivity, real-time monitoring, and modern payment support—cost-efficiently and at scale.

If you are interested in improving your slot machine functions, do not hesitate to get in touch by clicking the button "Contact Us" down below!