



AYYEKA VS LOCALLY SUPPLIED SIM CARD

The SIM card and data service provider is a vital component in any cellular based Industrial Internet of Things (IIoT) device. The right choice will ensure reliable, secure transmission of data between field sensors and servers in any condition.

Opting for a locally provided, operator-specific offer instead of Ayyeka pre-installed SIM card simply to try and save money is like walking a mile to save a dime. The benefits of Ayyeka's globally-enabled SIMs don't stop here - but these are some of their outstanding benefits that can improve your IoT-powered remote monitoring effort.



Remote Diagnostics

Finding the root cause of technical, networking issues caused at the SIM card or the cellular operator level is a time-consuming, complicated endeavour for even the most well-equipped information technology (IT) teams. Purchasing an Ayyeka SIM means that our service team can easily and quickly pinpoint any potential issues that may arise during operation, helping users avoid costly field visits for troubleshooting.



Communication Redundancy

Ayyeka SIM cards work in any geography and support multiple carrier selection and network fall-back as standard. They can automatically select the optimum network for your unique transmission requirements ensuring that communications interruptions never get in the way of your monitoring.



Improved Battery Lifetime

Better signal means more power-efficient data transmissions. Using the best available operator at each monitoring site dramatically improves the battery lifetime of the devices. Due to the costs involved in sending maintenance technicians that should be avoided in an IoT-based remote monitoring strategy, expected battery lifespan and project viability are often intimately interconnected.



Enhanced Security

Ayyeka's advanced monitoring technology allows the system to detect suspicious network activity from traffic sent through its SIM cards, allowing it to identify atypical usage patterns and ensure that in-field devices benefit from the company's industry-leading cyber-security technology.

Although selecting a customer-selected SIM card may seem like a cheaper option, Ayyeka's experience supplying real-world monitoring setups demonstrates that long-term costs are lower when Ayyeka's SIM card. Ayyeka is committed to providing a flexible, autonomous, low-power device with secure transmission for even the most remote of installations.

Ayyeka provides cyber-secure, plug-and-play, remote monitoring solutions designed for various markets. Ayyeka has an installed base in challenging locations and earned a reputation for excellent customer service. Bringing together a state-of-the-art hardware and cloud-based software package, Ayyeka's solutions are leading the infrastructure monitoring sector into the future.