

# 3 KEY CONSIDERATIONS TO CHOOSING CELLULAR GATEWAY HARDWARE

## PURPOSE-BUILT HARDWARE FOR INDUSTRIAL ENVIRONMENTS

Rugged durability is essential to collecting data in harsh environments:



Is it shock, vibration & humidity tolerant?



What are the outdoor operating temperature specifications?



Does it have Class 1, Div. 2 certification?

KNOWING THE EXACT REQUIREMENTS OF THE SYSTEM CAN **ENSURE HARDWARE IS BUILT TO LAST.**

## REMOTE NETWORKS VS. CLOUD PLATFORM CONNECTION

COLLECT AND AGGREGATE DATA EFFICIENTLY TO:



Reduce power consumption, traffic congestion



Increase network lifetime, data accuracy

GATEWAY SHOULD SEAMLESSLY CONNECT TO BOTH:

Remote networks



Wide selection of IIOT cloud platforms



ENSURE THE FREEDOM TO CHANGE PLATFORMS **WITHOUT REPLACING HARDWARE.**

## ROCK SOLID SECURITY

THROUGH CAREFUL NETWORK PLANNING & USE OF IP ADDRESS BEST PRACTICES:



Deploy network routers to limit to specific types of traffic or users



Implement NAT (Network Address Translation) to obscure devices from inbound access



Utilize VPN appliances to ensure secure communication

A CELLULAR GATEWAY SHOULD:



Interact with established hardware to maintain connectivity



Ensure that data and privacy are safe

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