

ALMOST EVERY INDUSTRY IS  
TRANSMITTING DATA!

More Data = More Problems

At DataLink IQ we have recently developed  
leading-edge intelligent solutions!





# MORE DATA = MORE CONGESTION PROBLEMS:

## Bandwidth Limitations & Congestion

Transmitting large volumes of data over constrained networks can result in data bottlenecks and slower transmission speeds. Potentially causing delays in data transmission and data loss.

## Data Packet Loss

Data transmission over wireless networks can result in packet loss, where portions of transmitted data fail to reach the intended destination.

## Latency

Industries relying on telemetry data often require real-time insights for immediate decision-making. High latency in data transmission can hinder the ability to make timely interventions or adjustments.

## Real-Time Processing

Processing data quickly enough to provide timely insights can be difficult, especially as data volumes increase. They lack Intelligent data transfer capabilities and suffer delays unnecessarily.



# GENERIC DISPLAYS = MORE PROBLEMS:

## Lack of Context

Raw telemetry data often lacks context designed for the user. Understanding the significance of data points in relation to operational processes can be challenging without custom displays or instruments.

## Limited Scalability

As systems scale and become more complex, their telemetry requirements can change dramatically. A standardized approach might struggle to accommodate evolving needs.

## Neglecting User Experience

A generic approach to telemetry might not capture the user experience adequately. Only a custom design can provide the most relevant user requirements.

## Failure to Adapt

Systems and applications are dynamic, with features, workloads, and usage patterns changing over time. A static one-size-fits-all telemetry strategy can't adapt well to these shifts, leading to outdated or irrelevant insights and competitiveness loss.