

Companies have used SCADA systems for many years and for many different purposes like monitoring systems and maintaining their infrastructure in real time. Many are now finding these **SCADA systems are too old** to meet modern, mission critical requirements and have high maintenance demands; these networks are rapidly coming to the **end of their effective lives!**

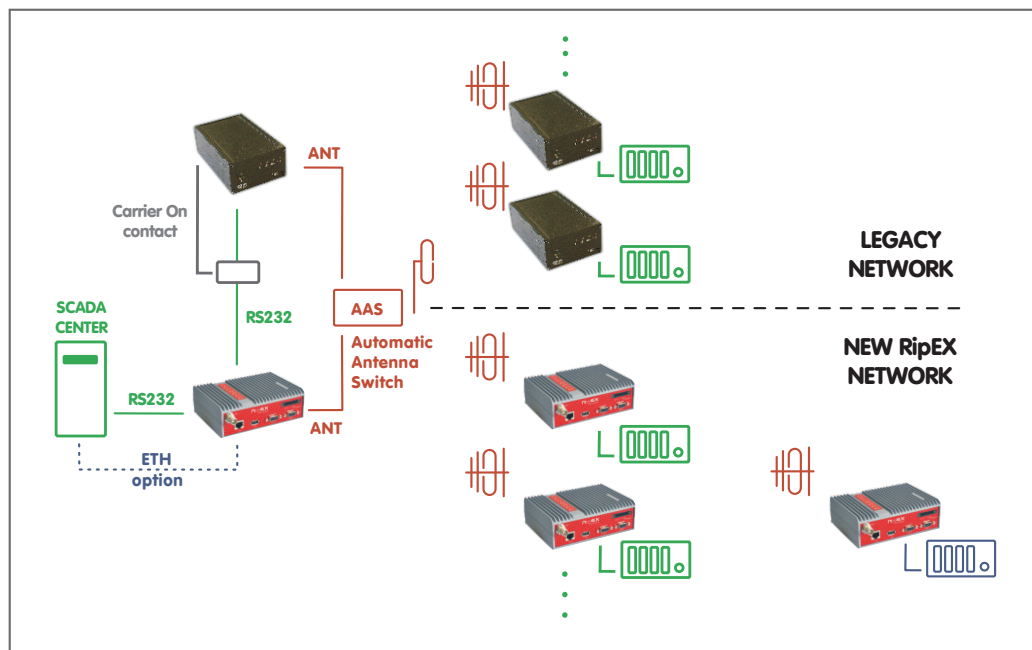
The optimal solution would be a **phased upgrade** to a modern, **future proofed** radio network using **staged funding** and **available manpower**. This would allow the scaled upgrade to be completed in a well-managed way with **no network outages** in the legacy network.

RipEX was designed to **handle just such a scenario**. Any RipEX unit can be used as a base station and routing tables are used to manage the traffic. Both of these factors enable migration **without** the need to buy expensive **temporary migration hardware**.

The RACOM Migration Solution works equally well for any scenario; whether existing polling or report by exception networks are to be migrated or expanded.

Customer benefits

- Standard RipEX units used - no expensive temporary migration HW required
- Budget investment directed where needed
- No network outage during migration
- Migration as part of regular maintenance
- Gradual one by one replacement
- Pay as you grow!



Radio modem & Router

- 166 kbps
- 1× ETH, 2× COM, 1× USB
- 0.1–10 watts, -40 to +70 °
- Sleep & Save modes
- Wifi management
- Fast remote access
- SW feature keys
- Native IP device

RipEX networks

- Future proofed
- Exceptional Data throughput
- Anti-collision RF protocol
- Unlimited RF design
- Backup routes
- Native IP environment
- 3 year warranty

Old network limitations

- Slow data speed
- Obsolete products
- RS232 connections
- Low reliability
- High maintenance costs
- Older protocols

New network demands

- High data throughput
- Future proofed products
- RTU's with Ethernet
- 99.9% uptime
- Low maintenance costs
- Modern IP protocols

