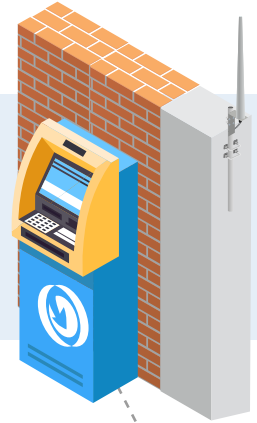


ATM OPERATORS PREPARE FOR 3G SUNSET

Hardware Upgrades for Automated Banking Equipment

The cellular networks ATM operators and manufacturers use to connect clients to highly secure banking data are constantly evolving. As a result, the communications hardware embed within and attached to these machines must evolve as well. As cellular carriers sunset their 2G and 3G networks, organizations in the financial services sector are exploring options to upgrade to 4G and beyond.



Challenges Faced | [UPGRADING LEGACY EQUIPMENT](#)

Mobile automatic teller machines depend on cellular networks to connect clients to their banking data. Slow and intermittent connections can lead to customer frustration and abandonment. With the majority of 2G networks off-line, and many 3G networks soon to follow, those who operate and manufacture ATM equipment are in need of immediate updates to their cellular hardware. Many of these organizations are also looking to install systems capable of redundancy, that operate over fast and secure 4G cellular networks.

Router Solution | [DIGI IX10 CELLULAR ROUTERS](#)

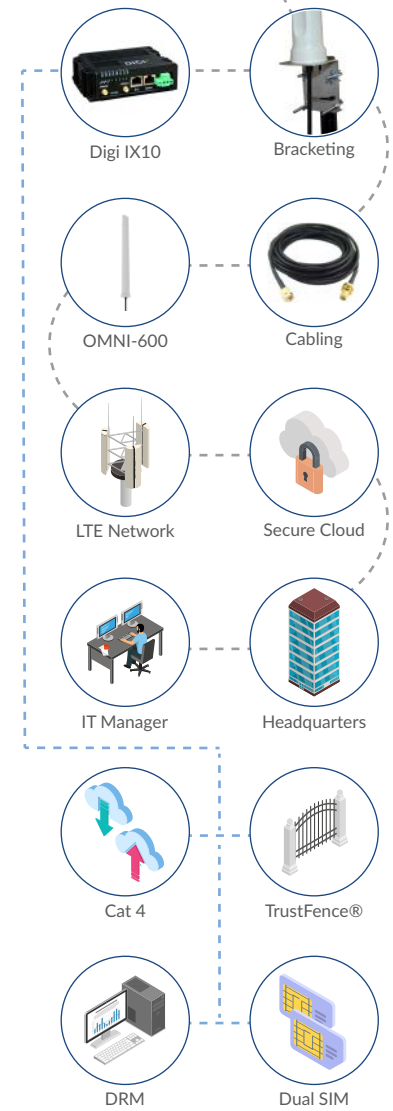
An organization specializing in components for automatic tellers reached out to the experts at RTO to help guide their select and configure new hardware to operate within their clients existing network infrastructures. They needed faster cellular routers that were capable of providing cellular failover at LTE speeds. RTO recommended the **Digi IX10** cellular router - complete with an embedded CAT 4 modem and dual-sim functionality.

Antenna Solution | [POYNTING OMNI-DIRECTIONAL ANTENNAS](#)

Not every component they sell will be deployed to ATMs located within areas of great cellular coverage. Their clients reported higher than usual customer abandonment rates at teller machines in low coverage regions. RTO offered them a solution for this issue. RTO recommended a variation of the Poynting **OMNI-600** antenna - a durable omni-directional antenna capable of booting signal strength within both indoor and outdoor environments.

Field-Tested Results | [FASTER MORE RELIABLE CONNECTIVITY](#)

The client enlisted our **DevProv+** suite of services to help kit out and provision all their new customers hardware. Cables were cut and crimped to fit exacting standards, on-site installation services were deployed, and they received ongoing support for every router. Their clients IT departments observed near-instantaneous boosts in connection speed and reliability at each ATM that was upgraded. And with Digi Remote Manager® software, their clientele gained the ability to automate event reporting and perform over-the-air device registration, configuration, and management.



LTE Router: Digi IX10	LTE Antenna: OMNI-600	Device Software: Digi Remote Manager®
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CONTACT RTO TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY