

COMMUNITY WIRELESS NETWORKS
WIRELESS LOCAL & WIDE AREA NETWORKS
WI-FI , WIMAX AND MESH NETWORKS
POINT TO -(MULTI) POINT LINKS
RADIO FREQUENCY ENGINEERING
IP ENGINEERING & DESIGN SERVICES
PLAN - DESIGN - DEPLOY - MANAGE
RADIO, MICROWAVE & LASER LINKS



TELCO SYSTEMS INTEGRATION

WIRELESS NETWORKS

CARRIER SERVICES

MANAGED SERVICES

WHOLESALE VOICE OVER BROADBAND

Wireless Networks

QiComm is a wireless network specialist. Our wireless network professionals are the people to call when considering a large wireless project. We have considerable experience across the spectra of wireless technologies from 802.11, 802.16, licensed or unlicensed radio and optical links. We understand that you need a solution not just for today, but one that will grow with your needs, and achieve return on investment



WE UNDERSTAND WIRELESS

QiComm's Wireless group has considerable experience having deployed some of the largest wireless networks in Europe and Asia.

QiComm can provide a full range of wireless network services from project inception and evaluation through to vendor selection, project delivery and deployment.

OUR WIRELESS SOLUTIONS

- Turnkey Wireless Solutions
- Point-to-Point and Point-to-Multipoint
- Local and Wide Area Networks
- Rural and Metro Wireless Networks
- Optical and Radio links (both licensed or unlicensed)
- Wi-Fi (802.11), WiMAX (802.16) and Mesh Experts
- 24 x 7 x 365 fully staffed NOC in London

OUR WIRELESS SERVICES

QiComm provides a wide range of services for organizations that wish to establish or enhance their wireless network:

- **Design Services, Architecture Planning**
 - GIS, Propagation and RF link analysis
 - Site Survey and Radio Interference
 - Mesh Network and Backhaul Design
 - Mounting Assets and Site Acquisitions
- **Deployment**
 - Civil Works, RF Planning , Fibre & Backhaul
 - Mesh Network Radio Installation
 - Acceptance Testing and Network Improvements

- Network Optimization
- Monitoring & Management
- Maintenance and Customer Service

YOUR IDEAL WIRELESS PARTNER

QiComm Wireless team, maintains a deep skill set in Wireless Networking, IP Engineering, Radio Frequency Engineering, Wireless Systems Integration and Project Management.

While our staff are multi-vendor certified, QiComm is a vendor-neutral Systems Integrator. This is very important as we feel it aligns our goals with yours, and we offer unbiased vendor selection and advice.

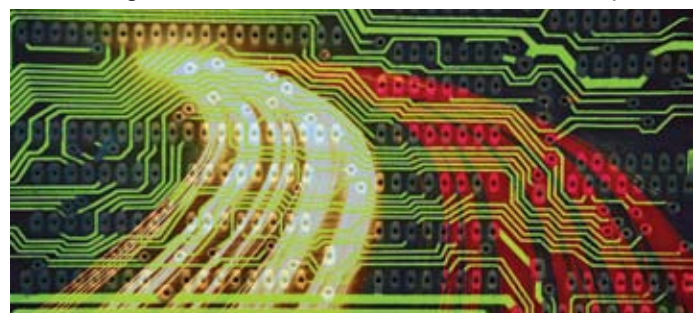
As a specialist wireless systems integrator, we plan, design, deploy and manage bespoke wireless networks.

QiComm can bring value to project and market analysis, including business planning, and business case analysis

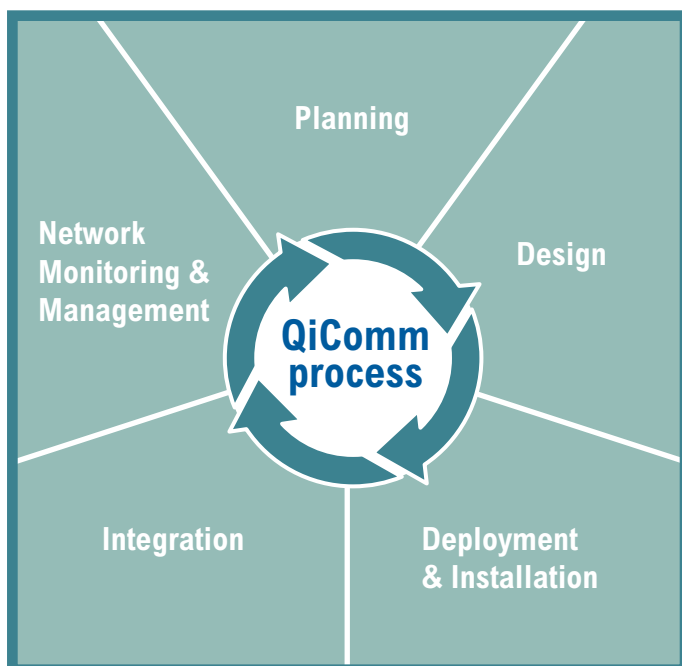
ACHIEVE ROI & REDUCE RUNNING COSTS

Our innovative wireless network solutions offer high bandwidth, are robust and reliable, can be remotely managed, and are highly scalable.

This results in a bespoke wireless solution, delivered on time, on budget, within spec, resulting in significant long term value. We build it right first time, and use intelligent networking to achieve lower total costs of ownership.



QiComm has the skills and experience to ensure your wireless project is a success.



RADIO FREQUENCY ENGINEERING

QiComms Radio Frequency or RF Engineers provide a complete range of RF and Fixed Network Engineering Services, including:

- ➔ Radio Coverage Survey
- ➔ RF Site Surveys, Coverage & RF Maps

SITE ACQUISITION

QiComm offers a host of site acquisition services including site identification, site selection and lease negotiation. QiComm has considerable experience in this area, and we are intimately familiar with the planning and how to expediate planning decisions in our favour.

WIRELESS NETWORK DESIGN

Our bespoke wireless networks are designed with your exact requirements in mind. We offer both modular and complete turnkey solutions. QiComm is a highly

competent partner, who can either assist with specific phases of your project, or manage and deliver the entire end-to-end wireless solution.

WIRELESS PROJECT MANAGEMENT

Project management is at the core of every QiComm project and we believe this is one of our competitive advantages. Our Wireless Networks team are qualified in several leading project management methodologies, including Prince II. QiComm's focus on quality assured processes, and project management minimizes project risk.

WIRELESS NETWORK DEPLOYMENT

QiComm has an extensive cross section of in-house wireless resources. From IP engineers, network professionals, riggers, radio engineers and wireless guru's - all help ensure your project is delivered on time and on budget, every time.

WIRELESS OPTIMIZATION AND TEST

QiComm can optimize your wireless network, and each project includes an extensive optimization & test phase. This helps ensure all project requirements are met.

WIRELESS MONITORING & MANAGEMENT

QiComm's Network Operations Centre is staffed by network engineers 24 x 7. We have proactive network monitoring tools, which can monitor your networks performance down to the device level. Our wireless solutions most often allow complete remote monitoring and management.

PROJECT DOCUMENTATION

Upon completion of your project, QiComm will provide a complete set of comprehensive project documentation.

Wireless Networks

The QiComm Wireless Advantage

QiComm has proven experience and a rich history in planning, designing, deploying and managing wireless networks. Our secure wireless solutions are built to withstand the test of time, and achieve return on investment and give low ongoing running costs.



EXPERIENCE YOU CAN TRUST

QiComm is a leading wireless systems integration firm. Our vendor neutral approach and our rich network and radio experience ensures your next wireless project is a success. QiComm has successfully planned, designed, deployed and managed bespoke wireless network across the UK for a wide range of clients.



CASE STUDY

ADVANTAGE WEST MIDLANDS RURAL WIRELESS ISP SOLUTION

In 2006, QiComm won a competitive tender to build and operate a rural Wireless ISP in broadband blackspots.

QiComm planned, designed, deployed and now manages a Wireless ISP using 2.4GHz and 5.8GHz unlicensed spectra. This network now delivers broadband to 18 clusters of homes & businesses in the West Midlands.

QiComm deployed the network over a tight timeframe, and now QiComm operates a Wireless ISP called Access Broadband (www.accessbb.co.uk), as part of our contract with Advantage West Midlands.

AccessBB's radio network, connects into the QiComm Network Operations Centre in London and is monitored 24 x 7 x 365 by QiComm. The radio network consists of over sixty sites, with over one hundred radio links and

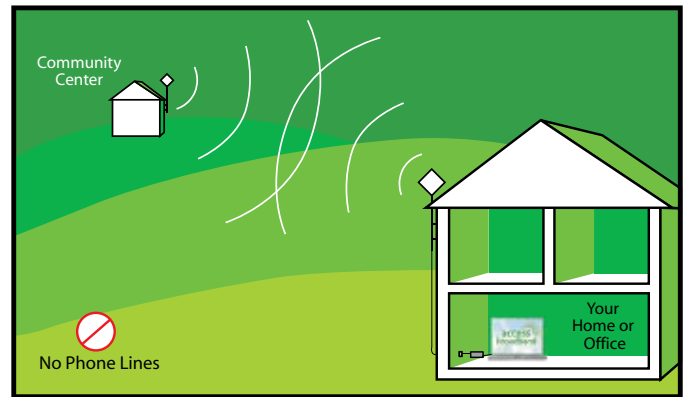


Fig 1 How AccessBB uses Wireless to deliver ISP services

over fifty point to multipoint distribution nodes. Geographic challenges made this a complex project and QiComm worked closely with planners to achieve planning in this area of outstanding natural beauty.

QiComm adopted green technologies including solar and wind to power sites where electricity was not available.

Over time the wireless infrastructure deployed by QiComm is expected to deliver broadband to several thousand homes and businesses

ISO 9001 : 2000 CERTIFIED & REGISTERED



All QiComm Wireless Network processes are ISO 9001:2000 certified and registered.

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