



Does your School need a Wireless Solution?

With the advent of Web 2.0 technologies, all educational establishments from Primary Schools to Universities are increasingly reliant on virtual learning environments and online content. The need for stable and reliable connectivity in learning areas, making these solutions available to learners and educator alike, depends on a robust and affordable Wireless LAN (WLAN) infrastructure.

Comprehensive access to information technology is one of the most critical aspects of 21st Century education and information literacy is critical for a student's success later in life. Wireless promises to be a key enabling technology in making this vital connection and ensuring students cross the 'digital divide'.

Your challenge NOW is to identify the right solution that can make this promise a reality.



Unique Benefits to Education

The benefits of a pervasive Wi-Fi deployment in primary and secondary education include:

Infrastructure Flexibility: A school's learning technology needs are as diverse as class sizes. A WLAN can be quickly rolled out virtually anywhere to meet those needs.

Speed: Students can access a WLAN-enabled learning environment in a matter of seconds, without special connections or a tangle of cables.

Resource Mobility: A WLAN allows technology learning tools such as laptops to be moved to wherever students are, rather than vice-versa.

"The Extricom system allows more people to get on the wireless network without it bogging down. It's a pretty simple concept, but I think that it's made a huge impact in terms of faculty trying to achieve academic goals with our students."

Unique Challenges of Education

Deploying WLAN in the classroom can bring enormous benefits, but there are some distinct technological challenges to this environment:

Small school IT departments are called upon to support large numbers of users, so the WLAN solution cannot require time-intensive configuration and administration.

Wireless coverage issues are caused by sprawling school layouts and the need to provide connectivity to multiple users in the confined area of a classroom.

Security compliance regulations require separation of student and faculty networks.

Uncertain school budget processes require that the deployed WLAN ensure costs are kept low, leverage existing infrastructure, and offer advantages in terms of scale and price.

Extricom partners can offer the very best solution available to Primary and Secondary Educational facilities in the UK today by offering the entire family of wireless networking products available from Extricom. Revolutionising the Wi-Fi industry and a global leader, Extricom is making the all-wireless enterprise a reality.

Extricom: WLAN Architecture Built for Primary and Secondary Education

Core Requirements	Extricom Unique Value
Administrative Simplicity: Overstretched IT Administrators operate in a tactical mode to resolve day-to-day operational issues, so their WLAN must feature easy deployment and administration.	Ease of Deployment and Administration: The Extricom WLAN solution can be put into production within a matter of days by personnel with basic skills, and administration is simple and centralized.
Comprehensive Communications: High standards of reliability are mandatory, to avoid impacting classroom productivity.	Guaranteed Service: Only the Extricom WLAN technology can deliver guaranteed levels of connectivity to all users everywhere.
Cost-Effectiveness: School budgets demand a WLAN infrastructure capable of handling change transparently.	The Lowest Cost of Ownership: Extricom's solution is deployed and maintained with plug-and-play simplicity. The result is the lowest TCO in the industry.
User Security: Privacy of student information, even testing integrity, is of paramount importance.	A Secure Wi-Fi Environment: Extricom embeds the strongest security available, without sacrificing mobility or performance.
High-Density Environment: In the typical school, large numbers of users need concurrent access to the WLAN, so high capacity without coverage or mobility trade-offs is critical.	Easily Scalable Infrastructure: The Extricom Channel Blanket maximizes capacity, throughput and coverage with APs deployed in high densities that are impossible in traditional cell-based architectures.

Extricom's award-winning WLAN system is uniquely designed to meet these demanding requirements. Relative to alternative WLANs in the marketplace today, the Interference-Free™ Architecture enables dramatically easier WLAN deployment and lower total cost of ownership, while achieving a generational leap in capacity, coverage, seamless mobility and security capability.

“Extricom seemed almost too good to be true. I hadn't heard of Channel Blanket technology and couldn't imagine wireless without dead spots or limitations caused by interference. But we piloted the solution onsite, saw that the performance claims were real and went forward immediately with it.”

The Future of School Wi-Fi

Most Primary and Secondary educational facilities have a clear vision of the importance of Wi-Fi to their educational mission. The question is: how confident are school staff that today's technologies can meet the demands of their environment?

Ask us today how schools have succeeded with Extricom. Extricom's Wireless LAN is specifically designed to answer the challenges posed by pervasive Wi-Fi, providing the high-performance, resilient and future-proof infrastructure required by the education environment.

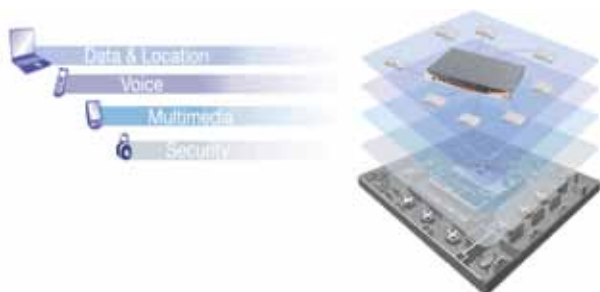


"What we were looking for was a system that would be easy to manage, and provide a guaranteed communication rate throughout the deployment area. Basically, it was going to be a massive leap to attain the superior performance demanded by today's computer-savvy connected students."

Overview

The Extricom WLAN product family is purpose-built to deliver robust, reliable connectivity. Extricom innovation makes the All-Wireless Enterprise possible by delivering voice (VoWLAN), data, video, and location services with an always-on, consistent, and mobile Wi-Fi connection to any client, in any environment.

Extricom WLAN means choice without compromise: supporting multiple and diverse applications from a single infrastructure at maximum performance. Extricom's deployment simplicity and operational flexibility means the investment you make to achieve today's goals will continue to deliver results throughout the system's life.



Powered by Channel Blanket technology, Extricom provides the vendor-agnostic building block you need to deploy whatever your business requires. Extricom WLAN is an IEEE 802.11-compliant solution unlike any other before it, revolutionizing the Wi-Fi experience for both IT administrators and users.

In summary, Extricom's technological breakthroughs accomplish what has not been possible before: radically cut the complexity of WLAN, while significantly increase performance in all critical areas: coverage, capacity, mobility, and Quality of Service.

The award-winning Extricom Interference-Free Wireless LAN System incorporates multiple breakthrough innovations in a system that raises the bar for WLAN performance, flexibility, and ease of ownership. It is purpose-built to slash wireless complexity and future-proof your network for tomorrow's multi-service demands.



Extricom Interference-Free™ Architecture

Impressive Performance
Surprising Simplicity
Lowest Cost of Ownership

Extricom customers include healthcare providers, schools, hotels, universities, municipal governments, and industrial enterprises. Whatever their strategic wireless need, all of our clients have discovered the ease of ownership and uncompromising performance that are the hallmarks of Extricom technology.

- Converged Voice, Data & Video
- with Zero-Latency Mobility
- Plug-and-Play Simplicity, with no RF Cell Planning
- Blanket Coverage for Ubiquitous Service
without Co-Channel Interference
- Wire-like Connection
- TrueReuse™ Bandwidth
- Multi-Blanket Operation, in One Infrastructure

Market leader for wireless education solutions
Simpler. Better. Guaranteed.

Give Extricom a call today on 0207 0962770 to discuss your school's requirements.