AIT
partnership group ltd

Making the most of your investment with the AIT Application Development and Insights team

At AIT we provide the very best technology for Network, Mobility, Cyber Security and Physical Infrastructure in Data Centers and Critical Facilities but there are times when the technology vendors can't quite meet all your demands.

That's where the AIT in house Application and Insights Team can add value. By building applications that integrate with your existing technology to make full use of all your data, we add functionality and benefit and maximize your return on investment.

Our team has extensive experience of building professional applications and integrating them with the innovative Cloud solutions provided by AIT. We have integrated solutions with Aerohive Wi-Fi, Dell Networking, Patchmanager Asset and Capacity management and SMARTset Industrial IoT.

For more information on our capability and how we can help you, please see our case studies overleaf and contact us:

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The Benefits of using the AIT Application and Insights Team

- Local developers backed up by the knowledge and expertise of the AIT support team so we fully understand what you want to achieve
- Fully customised applications to meet your detailed needs
- Elite partner status with leading vendors to ensure we have full access to data and integration support
- Experience of developing applications and easy to use web portals
- Deliver insights and communicate information to all users, employees, students and customers
- Innovative approach to solving your problems
- Reduced cost, increased revenue and improved user experiences

New business intelligence, fuelled by your Wi-Fi network

Unlocking the hidden business and IT value in your Wi-Fi network

The Aerohive NG cloud management platform provides a powerful set of analytics and reporting of Wi Fi and Network data. Furthermore it has a number of APIs that enables Universities, Colleges, Schools, Hospitals, Offices, Retail, Hospitality and Industrial enterprises to leverage their data through customized applications

and networking integrations. APIs exist for presence, location, monitoring, identity and configuration to support a broad range of applications. The AIT Application and Insights Team has used these APIs to develop a number of customer applications including:

Self-service BYOD portal	Time and attendance analytics	Asset tracking
	Insights about your students, employees and office buildings	
AIT developed a portal written in English and Welsh for Bangor University to provide students with their own Private Pre Shared Keys (PPSK) based on Active Directory. This maintains security and improves productivity by eliminating the need for SYSADMIN to on-board personal devices.	AIT developed a Time & Attendance analytics application to help a University monitor attendance at lectures and tutorial and identify students at risk of dropping out. The application can also provide space planning, identify empty rooms to switch off lights and heating and plan more efficient use of space.	Working with an NHS trust AIT is developing an application to track high cost and high demand medical equipment around a hospital using the Wi-Fi network.

Predictive maintenance and insights into critical facilities using industrial IoT and infrastructure management software

AIT has developed applications which integrate with SMARTset Industrial IoT and Patchmanager Asset and Capacity management software to enhance their capability and deliver further valuable insights including:

Capacity management

Using the power rating of IT servers and assets collected in Patchmanager AIT developed an application to integrate with the processes of a large broadcaster to enable them to input data centre moves and changes requests in an online portal with an automate capacity management response identifying available rack locations with sufficient space, power and cooling.

Asset management library

AIT created a catalogue of Asset templates to enable Patchmanager users to quickly search a database and select the correct Asset templates. This greatly speeded up auditing and adding assets to floor plan views and registers, and made asset and capacity reports more accurate.