Intelligent Monitoring & Control Systems
Today’s world is a challenging place for any business, large or small, making it more important than ever to know what’s happening in your business and to stay in control. With our expertise in systems monitoring and controls we can help you do just that.

We can provide you with a highly versatile range of equipment designed to meet your individual system monitoring and control needs, from reliable, innovative monitoring & control systems, to support, guidance on installation, energy and electrical issues.

Whatever you are looking to monitor in your business environment we are confident that we will have a solution for you.

Over the years we’ve worked with companies from the UK’s largest PLC’s down to a local corner shop, so we can help you with every aspect of systems monitoring and control from temperature management and HACCP compliance through to energy usage measurements.

Call us today to find out how we can help you. 0115 989 0090

Precise & Dedication Creates Intelligent Control
Energy usage and carbon emissions are, and will continue to be, two of the most challenging issues of our generation, both politically and financially. For businesses, this means thinking innovatively about how to use energy efficiently and achieve sustainable savings both financially and in Co2 emissions.

Reducing and optimising energy consumption has always been an important part of our design strategy inspired by the fact that with the right support, you could bring your energy costs down by up to a third.

Making energy efficiency a priority is far more than just a ‘green’ gesture. It will also enable you to take advantage of tax incentives such as the government-run ECA scheme, whilst on-going energy savings will mean that any new equipment you invest in will pay for itself very quickly—potentially in less than a year.

The vast majority of our monitoring and control systems come ECA approved as standard. Enhanced Capital Allowances (ECAs) enable you to write off the whole capital cost of any investment you make in energy-saving technologies against your taxable profits. In other words, investing in a Tektroniks system could effectively pay for itself in more ways than one, sooner than you think. For more information visit www.eca.gov.uk

“With climate change so high on the political agenda, we’re likely to see more initiatives like the Climate Change Levy and the Emissions Trading Scheme, as well as tighter building regulations.”

Carbon Trust, 2006
Tektroniks
Helping the Food Industry Stay in Control

Our versatile wireless monitoring systems offer you the best of both worlds, a simple solution to meet all your needs and the flexibility to tailor that solution towards how you run your business. Our wireless monitoring systems come with the added advantage of being easily installed without the need to run wires from the base unit to the sensors. So whether you’re running any food business from a supermarket chain to a café in a leisure complex then we can help you.

With our experience, we can help you decide on the best system for your particular application too so you won’t end up investing in products that fail to deliver. In addition, using our equipment will help with your HACCP compliance and will help you meet the demands of the food hygiene regulations.

When you consider that around 70% of both a supermarket and a working kitchen’s electrical energy consumption goes on refrigeration equipment, you’ll appreciate why it’s so important to take control of how that equipment is being run, on a day-to-day basis.

That’s why we work very closely with you to ensure your monitoring system is designed to accurately monitor and where necessary control temperature to give you vision of your energy usage and to gain you long term cost savings.

Remember, if you provide meals for customers, or if you’re selling products for customers to prepare themselves, you will be required to meet FSA/HACCP temperature control legislation. Failure to do so could end in litigation and fines, so ask yourself the question: “does my business currently comply?”
When you consider the impact of legislation and the requirements that customers place on your business, warehouse & distribution centres holding perishable goods have to have the ability to monitor and log temperatures with the added burden of having to hold those recordings taken for later inspection. With a single centre holding up to circa £50 million in goods it is critical that the business has modern, cutting edge monitors and alarm systems to warn of irregularities.

Our wireless monitoring units have been designed with all these factors in mind. Each wireless monitoring unit is capable of recording data from up to 120 wireless sensors; the sensors can measure temperature, moisture levels, light levels, energy consumption, door monitoring and much more. With wireless technology the systems can be easily fitted into existing structures without the need or cost of drilling holes or running additional ducting.

The monitoring units can store data for up to 1 year which can be retrieved either locally at the unit or externally through a web browser. Alarm settings are designated by the user and alarm signals can be pre-configured to perform various functions when an alarm event is triggered.

So no matter if the goods you are holding are perishable foods, film, medicines, paper documents, perfume or cosmetics we have a monitoring solution for you.
Because of the intertwining life and death nature of your industries, legislation on monitoring and the control of products is exacting. Quality assurance checks are key parts of your day to day working environment, with the need to be able to accurately record data for review today and during future audit scenarios. With no need to run wires around a building the system is easy to install. The benefits to staff with time saved through electronic data collection and the removal of the element of human error from the monitoring process are just the beginnings.

With alarm capabilities you remove the risk of unknown unit failure leading to the spoilage of expensive and much needed medicines, samples and tissues.

Whether your requirement is for monitoring within the laboratory, the production process or within a hospital pharmacy/wards or morgue we will have a monitoring system that we can tailor to your exact requirement.

“Every action, every thought, every feeling one experiences, whether it be consciously or unconsciously known, is an attempt to increase one’s level of peace of mind.”

(Sidney Maddow)
Where temperature, moisture levels, light levels or energy play an important part of your business process then our wireless monitoring systems are designed to assist you. Our wireless monitoring systems are easy to retro-install to an existing structure, this takes away the expensive cost of needing to run cables or drill through your buildings walls.

You have the ability to set the system monitoring measurement times with intervals of from 1 minute to 1 hour; together with alarm criteria you also set to your business needs means that you are totally aware of what is happening in your measured working environment. You can also pre-configure the wireless monitor to perform various functions when an alarm is triggered, this can be as simple as to instigate the internal sounder or as complicated as contacting your external bureau service depending on your requirements.

Our sensors are battery powered with an accessory battery backup power pack available for the monitoring unit, this means that even if your power supply goes down you can still have a system that is working.

From monitoring the temperature and moisture in an IT server room through to the energy used in an aerospace production room then our monitoring units can be tailored to your exacting needs.
From simple stand-alone monitoring or control through to fully integrated systems we can provide a solution to fit your application.

By combining monitoring and control you can save money in several ways.

- You are less likely to duplicate equipment within the same application saving capital cost.
- The system will be easier to install and understand, saving you money on maintenance.
- An integrated system works better as the individual components are designed to work together giving you greater opportunity to save energy.

We offer a range of systems, all intelligently designed and priced so you can integrate our system with your existing equipment or add to it as your business changes or grows. We’ll also take your lifestyle into account, and suggest solutions that fit around the way you work. For example, we can link your system to the internet or your mobile or home phone, keeping you in control even whilst you’re away.

UK industry spends around about £300 million a year on energy for refrigeration, Tektroniks control systems could help you save up to 30%.
During its lifetime the energy costs of a new refrigeration system will be several times greater than the original purchase price. So saving energy could actually pay for the cost of your equipment.

As policies to combat climate change become more comprehensive, it’s becoming increasingly important to stay in control. For example, sustainable energy savings will ensure that your life cycle cost is reduced.

We are proud of what we have achieved so far but it does not stop there. We enjoy the challenge of continuous development. Our approach to innovation and different ways of thinking ensures that we have products that meet the latest demands.

As our pace of life increases and everything seems more complicated you can rest assured that we are committed to keeping things simple now and in the future.

From our proven control methods, reliable and easy to use products through to our helpful and friendly approach you can relax in the knowledge that you have made the right choice for your current and future needs.

Tektroniks - the Future of Intelligent Control
At Tektroniks we truly pride ourselves on offering superb customer service, building systems to suit our customer’s business needs and for being at the cutting edge of monitoring and control system development.

Creating equipment that is cost effective, energy efficient and easy to use are the key drivers of our design principles. We constantly challenge ourselves to ensure our systems are at the forefront of the monitoring and control industry.

We are proud to work with customers of all sizes and from across all industry sectors, our aim is to offer solutions that make our customers day to day working life easier.

Whether you are looking for a system to assist with legislation control, looking to reduce your energy consumption or to provide your customers with peace of mind we will be happy to assist.

So if you are a large multi-national or small corner shop we will promise to offer you a first class service and offer a system that will fulfill your needs.

To find out more about Tektroniks then either visit our website at www.tektroniks.co.uk or call us on 0115 989 0090.
Tektroniks
Wireless Monitoring & Alarm Systems

Input/Output
• Up to 120 Wireless Sensors
• USB port for onsite data exporting and reports
• At a glance Traffic light warning system

User Accountability
• User selectable passwords with various levels of protection
• Event and alarm log providing full traceability

HACCP
• HACCP due diligence reports directly to a USB memory stick
• Critical alarm points

Historical Data
• Internal solid state mass storage for up to 1 year
• One minute logging for each sensor
• Stored data cannot be modified

Internet Access
• No need for a dedicated PC
• Remote access using a standard web browser
• Access via the internet or modem
• View status, adjust set points and manage alarm notifications all in real time

Easy to use
Simple to install
USB backup
Above and beyond our products we’re also driven by a belief in providing the very best service. We recognise that for our customers, investing in new equipment is a massive commitment. We’re here to help with every aspect of that decision, as well as to provide practical advice and support.

Part of that service is to keep pushing the boundaries of innovation forward, looking at new ways in which our expertise can help businesses tackle the challenges raised by energy issues or changing legislation. Whether that means working alongside you as an expert partner or creating a bespoke design to meet a particularly challenging brief.

Whatever your requirements, you’ll always find us friendly and approachable with the kind of expertise you can rely on to exceed your expectations. So why not get in touch today?

If you would like to know more about our product range or require information on a specific product please call us on 0115 989 0090 or email enquiries@tektroniks.co.uk

“The secret of joy in work is contained in one word - excellence. To know how to do something well is to enjoy it.” (Pearl S. Buck)