



Software & Process Control Specialists

Connect, control and monitor all your factory equipment



Adaptive offer standard and bespoke solutions for bringing your industrial equipment to life.

We can advise on the controls you already have installed and how to get the most out of them in the modern connected world, or offer new enhanced solutions, custom-made using all the latest PC, Android and PLC hardware and software.

Our world-class Plant Explorer and Batch Control systems are in use in hundreds of factories on thousands of machines in all parts of the world, and our long-term experience in textiles and many other industries can help you move forward into the new connected IoT factory of the future, including support for AWS, Azure and Google cloud platforms.

We can supply monitoring and control hardware in many forms and size, and our systems are programmable using the latest standard tools. Reports and data are collected in SQL Server databases, and are visible locally on controllers, via mobile devices, on Pc's in the factory, and out onto the cloud.

Adaptive will help you get smooth production and greater efficiency out of all the equipment in your factory.

Start simple



For a simple solution to your manufacturing requirements, come to Adaptive and benefit from our Non Proprietary manufacturing products.

Global offices, and friendly knowledgeable representatives with a wealth of experience in your sector can start you on the right path to the solution you need, using the most up-to-date and easy to use manufacturing technologies.

It's simple... join our existing customers in textiles, food and beverage, composites, motor-sport, medical, waste-recycling, automotive, aerospace and many more...



Add expertise

Our systems engineers have a wide knowledge of manufacturing processes and are ready to help you resolve your production challenges. We understand that it is processes and integration that drive world-class manufacturing today.

Adaptive have both hardware and software products, together with the design skills to ensure you achieve a fully-integrated factory.

If you're short of time or need a fresh look at your project, Adaptive are here to look, listen and provide.

There for you

Our team of experienced technicians can help you optimise your installations for maximum productivity and reliability.

We have support staff worldwide offering both high quality service and customer support. Service contracts are available post installation at all levels of response.

We offer training courses in all our product areas through our local offices, or if you prefer we'll come to you.



Process control



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Inspired solutions

If you are looking for a replacement for your old proprietary controls then our PC and Android based solutions could be just what you are looking for.

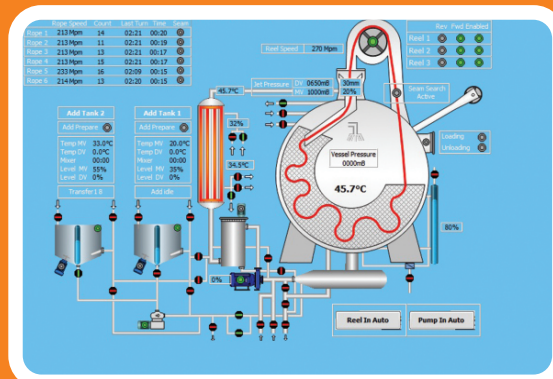
With touch-screen technology and powerful software control, Adaptive controllers are used all around the world and can jump-start any industry.

Rapidly control and monitor your machine with a local real-time schedule of work, complete list of running steps, live graph, animated machine-mimic and historical graphs stored for many years.

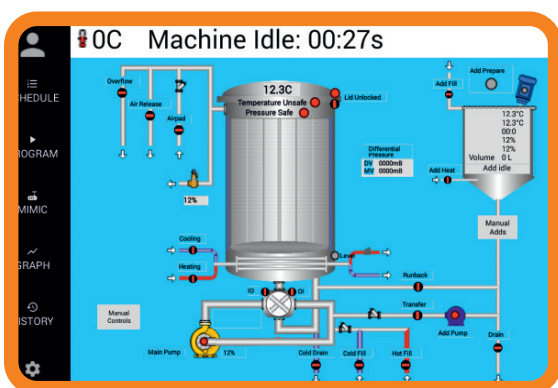
Integration is easy, with network links to Excel, Access, corporate networks and of course with Adaptive Plant Explorer central control system.

With a PC at the front, and many choices of PLC or I/O hardware behind, you'll be getting a system that is truly ready for whatever the future brings.

For all your batch and continuous requirements, an Adaptive machine controller does it better, quicker and more reliably.



900 series IoT Controllers



Available in 4 different sizes

905 5" | 907 7" | 910 10" | 915 15"

All controllers, even the smallest units, have a full set of capabilities.

Wifi, Bluetooth, RFID and LAN are available on all unit sizes.

The 900 series provides control and monitoring re-imagined for the modern world. The controllers run on the Android platform to get access to a wide range of low-cost hardware including standard panel-mounted touch-screens. Android provides slick usability and an equally impressive user-interface.

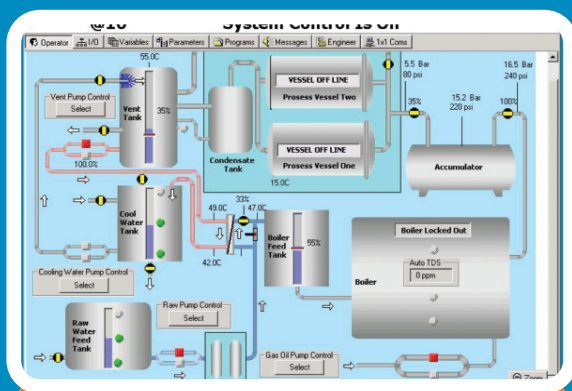
The units have all the latest connectivity for a connected world, including built-in IoT data upload to all 3 major cloud-data suppliers, Amazon, Microsoft and Google. They also connect to apps on your phones for data monitoring and retrieval, to Plant Explorer for a traditional factory monitoring system, and to Flow Book for working in teams.

Security and quality control come as standard thanks to RFID log-ins of your machine operators.

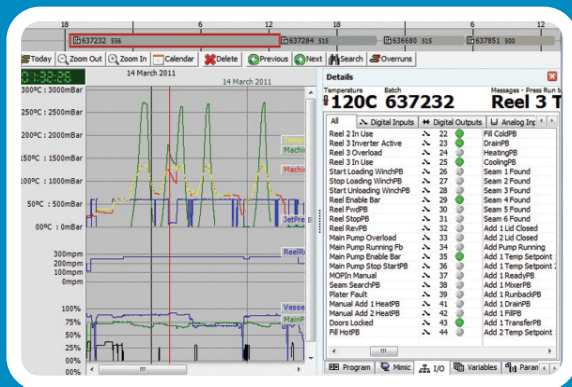
The factory of the future will be built with 900 series IoT controllers from Adaptive.



Take control and see everything



Factory Services

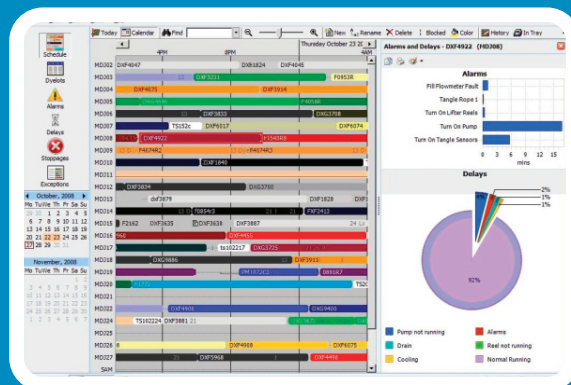


Process Control

The screenshot displays a recipe control and chemical dispensing interface. It features a table of recipes with columns for ID, Code, Name, and Procedures. The table lists various recipes, including '17/2 RS BONE (BARISOL TRIAL)', 'LAB It dr Ray up to .5%', 'BREAK FIX 1050 RAJA', '55/2 CP TOAST DIR BM', 'ACIDIC SCOUR', 'A-micro-poly DK-mst', 'A-micro-poly no after', 'BREAK FIX (STRIP COT)', 'BREAK FIX PKGS COT/R', 'Brian Test Copy', 'Brian Test Copy (AKRA)', 'C078506', 'C078544', 'C078554', and 'C078814'. The interface also includes a search bar and a 'Details' section for the selected recipe.

ID	Code	Name	Procedures
4509		17/2 RS BONE (BARISOL TRIAL)	9002
6315	05lab	LAB It dr Ray up to .5%	
4051	103299653@1	BREAK FIX 1050 RAJA	
3893	121518	55/2 CP TOAST DIR BM	
5471	ACIDIC SCOUR	Acid Scour to remove de	
7496	A-micro-poly DK-mst	DK-MICRO poly w/ pos	
7495	A-micro-poly no after	LT-Micro-poly no after	
5094	BREAK FIX (STRIP COT)	BREAK FIX (STRIP COT)	
4022	BREAK FIX PKGS COT/R	BREAK FIX PKGS COT/R	
10111	Brian Test Copy	1/150 Test Copy	
10113	Brian Test Copy (AKRA)	1/150 Test Copy	
146	C078506	55/2 CP IVORY RCT BB	
148	C078544	55/2 CP WHEAT RCT BB	
144	C078554	55/2 CP DOVE RCT BB B	
145	C078814	55/2 CP GRAPE RCT BM	

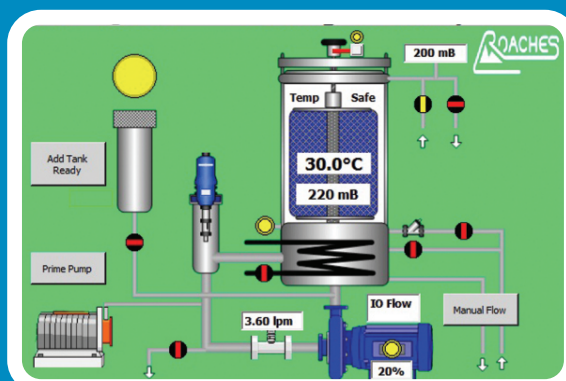
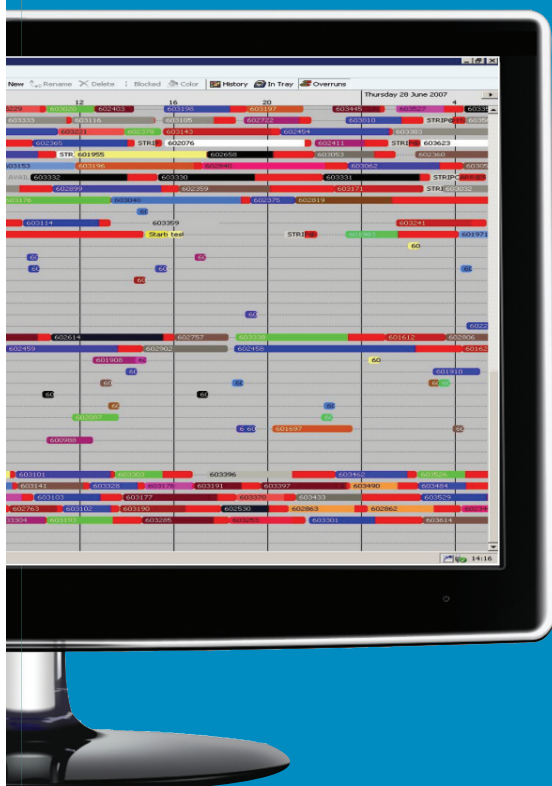
Recipe Control & Chemical Dispensing



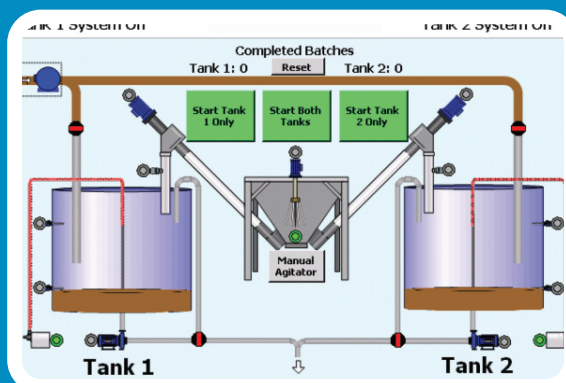
Production Reporting



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Inspired solutions



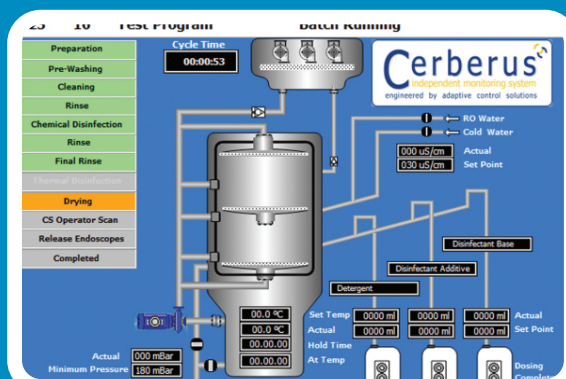
Laboratory Control



Effluent Treatment



Engineering Reporting

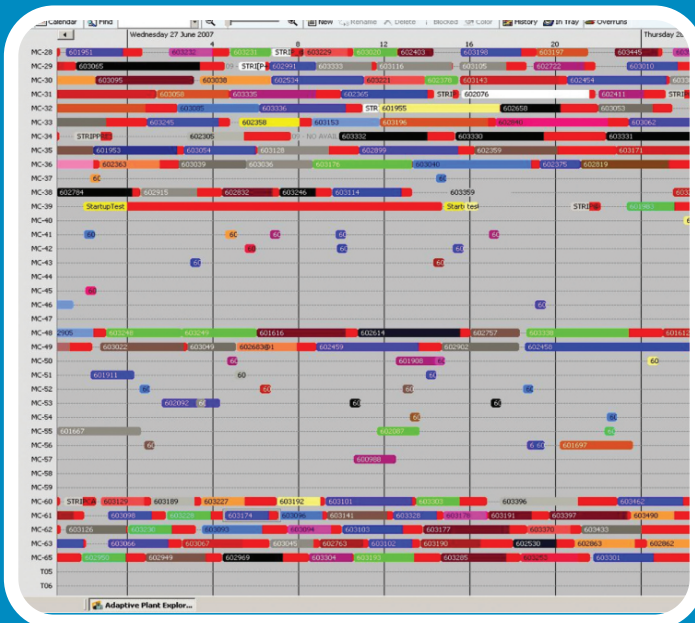


Independent Monitoring

Central control system



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inspired solutions



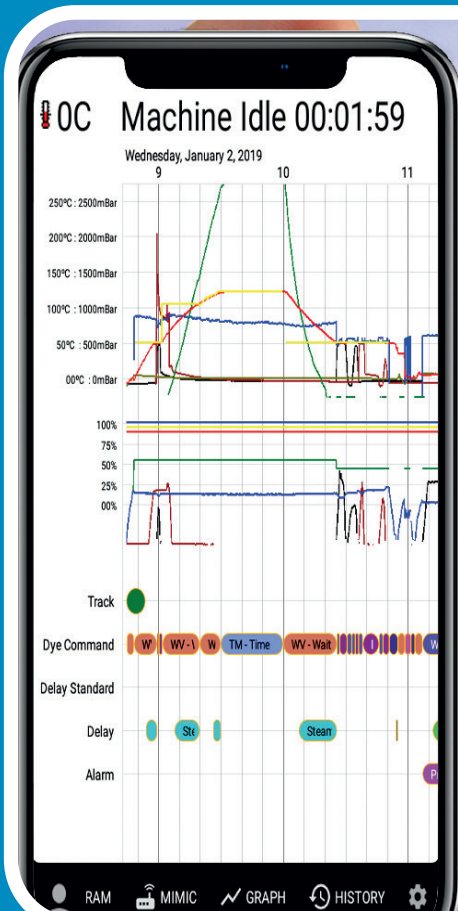
The original Plant Explorer

Our widely emulated Plant Explorer central control system sets the standard around the world for powerful features and ease of use.

Plant Explorer pulls together the control and monitoring information from all around your factory, and stores it in a standard Microsoft SQL Server database.

Also featuring simple but powerful data display screens, Plant Explorer often uses graphics rather than text to present factory information and reports in an easy to understand way.

Compatible with multiple brands controllers, this is our flagship product and has more features than we can list here - **so ask for a demo!**



We have an app for it!



Pick up your phone

When you need information fast, you'll be glad to download our free Plant Explorer app.

Connect to your factory Wi-Fi or make a VPN connection when on the move, and you'll soon be online to the same great screens you get on your office PC copy of Plant Explorer.

Check the progress of a batch through the factory, or find out how the machines are running today with just a few easy flicks on your own phone - **Another reason to choose Adaptive.**



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Inspired solutions

Control system solutions

Quality built in

With a dedicated electrical and pneumatic work centre, we design and build control panels for any application. All our systems are built with high quality, market-leading components and can be assembled in all types of enclosure systems and materials. Accredited with ISO9001, Adaptive will ensure quality, repeatability and timely deliveries.

Have it your way

Inside our control panels the Adaptive non-proprietary concept really comes into its own. You can specify your own brand of PLC or we can suggest other cost-effective alternatives. Combined with our user friendly interface on the front, this means all hardware will be standard ensuring spares and support will be available from the general market-place far out into the future.

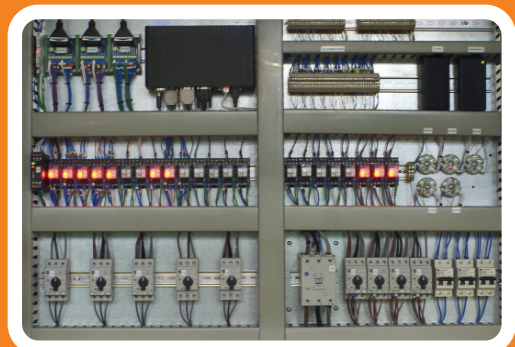
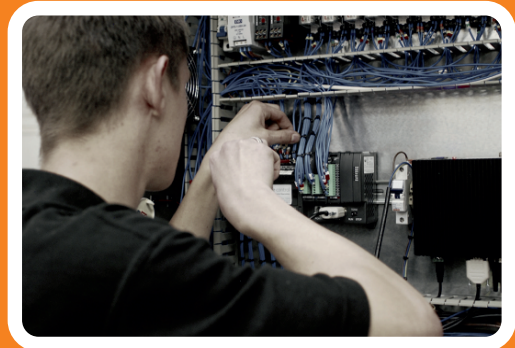
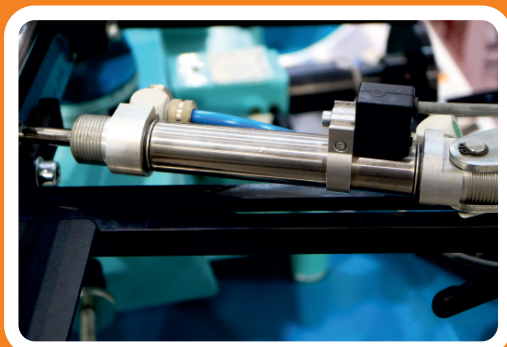
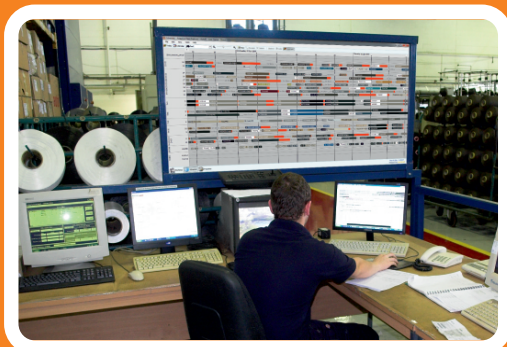
Recycle and save

In addition to building complete control systems, we offer a retrofit service that interfaces Adaptive technology to your existing control panels. This can be a great way to upgrade relatively new installations or to move forward when budgets are limited.

Friends everywhere

Adaptive have world-wide mechanical and electrical contractor partners allowing us to offer turn-key solutions for all magnitude of projects.

Our services include:



Automation Software

Centralisation & System Integration

Overall Equipment Effectiveness (OEE)

Control Panels & Control Retrofits

Did you know we also do...

Process Valves & Instrumentation

Pneumatics & Air Fluid Products

Industrial & Hygienic Pumps

Waste Water Treatment

Chemical Dispensing and Distribution

Controlled Powder Weighing



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