

curo360

Management Suite



curo360 - a fully integrated management platform

managing data and information across the entire network



curo360 is Nicander's fully integrated management platform and software suite. It delivers a secure web service and mobile application that fully integrates the management of incidents, events, assets, technology faults, data analysis and prediction, resources and personnel, information exchange, reporting and dashboard, as a single solution.

The application has been designed to manage all types of technology and infrastructure facilities.

It offers a fully scalable and configurable solution through which modules can be integrated and configured to support your operational needs and deliver your goals, objectives and outcomes.

Connecting systems and sensors it provides a holistic management view and supports effective data exchange to enable informed decision making and improved management services.

A Complex Event Processing (CEP) engine manages and acts upon these multiple data inputs and helps users discover complex events by analysing and correlating other events.

By combining all functions into a single, modular and scalable solution, authorities, network and infrastructure operators (large and small) are able to optimise the use and management of existing and new assets, respond to incidents more quickly, manage events, reduce operational overhead, and better share information with stakeholders and third party service providers.

The solution provides an effective management tool for managing assets and services across a variety of markets such as Transport, Utilities and Emergency Services.

Its flexible configuration means that the solution can easily be adapted to meet changing demands and requirements.

Immediate event response started following event verification.

Reliable and consistent decision- making support.

Reduced operator workload -optimising operator numbers, locations and training.

Multi-tasking as responsibilities are easier to learn and manage.

Focus on managing operations problem and not the system.

Automation of workflows and routine tasks.

Manages increases in complexity of service responsibilities without requiring more operators.

Consistency of planned responses for all scenarios.

Ease of system configuration, modification and operator training.

Optimise asset availability and understand life-cycle costs.

a modular solution...

curoEvent - a management product offering solutions for response and control actions for incidents and events. A CEP engine allows meaningful events to be quickly validated, prioritised and responded to appropriately.

curoAnalytics - data analysis and algorithm execution to resolve issues before they become problems.

curoAsset - an asset management product offering a web map view of through-life asset performance. A web interface and mobile app makes the monitoring and management of faults easy. Assists with inspections, planned maintenance and asset valuation.

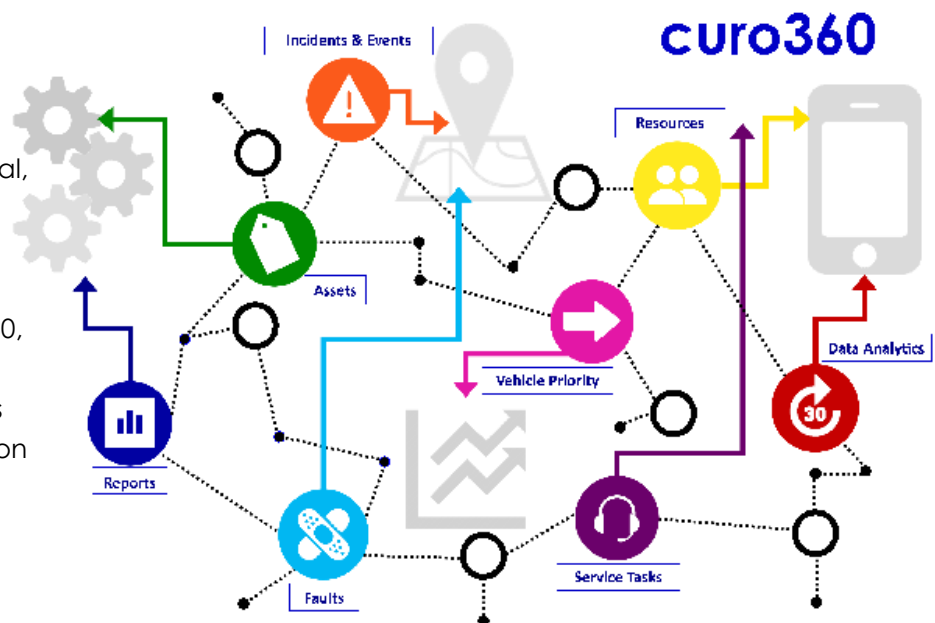
curoService - an easy to use record management solution. Delivering effective operations management and accurate data with smart scheduling and work order creation for a range of tasks from winter servicing to emergency call outs.

curoResource - management of resources and assistance for operational teams

Nicander's curo360 product suite is an information management system which provides a platform into which modules can be integrated and configured to support your operational needs and deliver your goals, objectives and outcomes. It can be deployed in Physical, Virtual or Cloud environments.

It is possible to utilise one, more, or all of the above components, making curo360, a flexible solution that can evolve as demands and opportunities arise and as budgets dictate, offering an agile solution which can respond to change.

Using open interface standards, and Nicander's vast experience developing system interfaces, it can easily be 'plugged in' to existing legacy schemes and third-party systems providing a single 360 degree, super-supervisor, view across the entire business.



curo360 - the building blocks

curo360 is a multi-layered solution, balancing different types of objectives and radically improving the outputs of information services with resulting benefits for users, managers and a range of stakeholders.

Creating a single view enables users to effectively manage tasks providing high-levels of decision support and a co-ordinated and consistent view. curo360 is able to automate many decision tasks, allowing operators to focus on critical issues, and work more efficiently.

curo360's open source products and international standards ensure clients are able to minimise their whole-life and licensing costs and deliver significant improvements on their operational effectiveness. Configuration tools and facilities allow effective tailoring to meet specific requirements.

International business process modelling and notation standards are used to specify the system's [automated] selection and response to events and incidents. These are intuitive in nature and can be easily set up and modified to effectively manage complex business rules, decision support and operational procedures. curo360's map software is compliant with OGC standards.

Industry standard reporting tools make data more transparent and visual in its presentation; the use of patterns to present details enable a faster focus on key issues and improved understanding. curo360 uses integrated geographic maps which enable improved situational awareness while international standard ICT interfaces enable efficient and improved integration of emerging technology and solutions as they enter the marketplace.

Matching problem situations with response plan execution.

Dynamic response plan execution for ease of management.

Context sensitive help and search facilities.

Fast and effective display response with scrollable, zoomable maps.

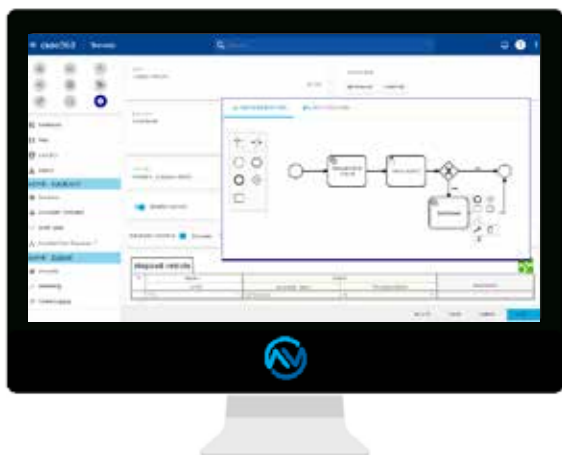
Dashboard and reports tailored to KPIs and operating requirements.

Ease of use is ensured with a '3 click or less' policy to access information.

Automated workflows integrated with business rules and knowledge base enabling multi-tasking operation.

Common system navigation, tools and features with responsive design for mobile friendliness.

Templates for commonly used configuration-based functions.



on the move with a single solution...

By integrating subsystems and devices into a single platform solution, curo360 unifies the way information is managed.

Managing, repairing and controlling technology and infrastructure assets as a single solution means that curo360 is able to maximise asset availability. As the management of fault identification and repair is managed efficiently through mobile apps and web services, engineers are able to repair assets more quickly, reducing the time spent on site with its inherent dangers resulting in improved safety records. curo360 maximises the return on investments by optimising asset utilisation and performance.

curo360 is provided as a virtualised solution, so can reside your ICT infrastructure, on dedicated hardware or delivered as a service.

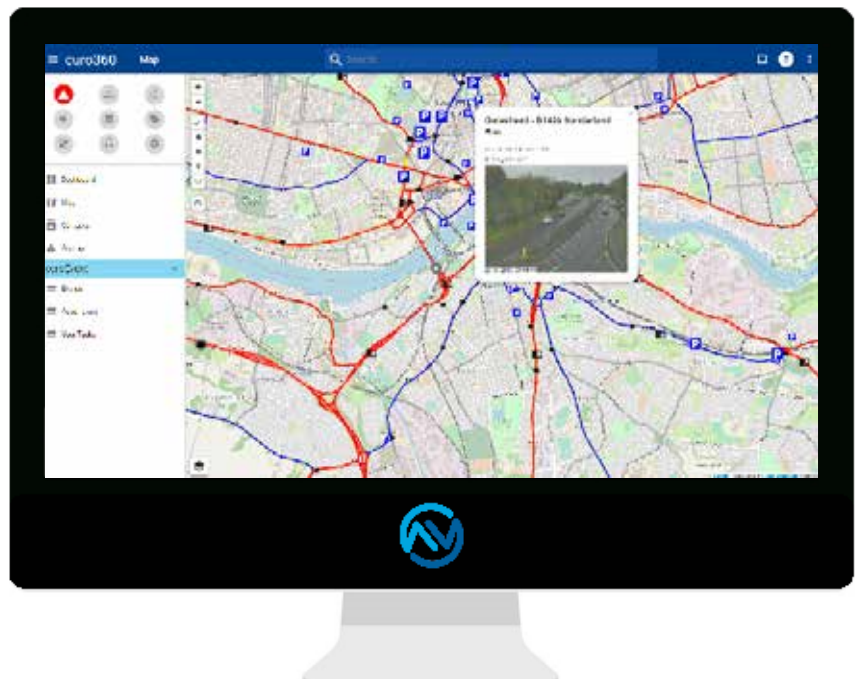
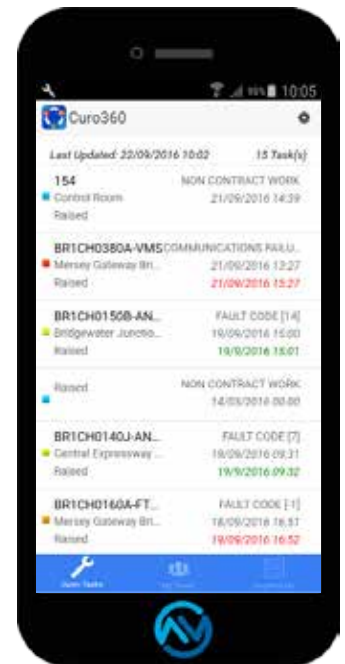
Each **curo360** module can be purchased separately to solve specific problems, can easily integrate with legacy systems, and is able to evolve into a complete package. The choice is yours.

Because we are using industry and open standards, common development software and database technologies, long term support and continual improvement is assured ensuring **curo360** stays at the forefront of software solutions.

curo360 is scalable to suit any problem. By incorporating COTS products and open source software, ownership costs are kept to a minimum.

Nicander is accredited to ISO9001 and 27001, ensuring **curo360** is a high quality and secure management solution.

A support contract for **curo360** can be tailored to your specific needs.



A little more about us ...

Nicander is a specialist software company that delivers a range of solutions from simple applications for mobile phones, asset and fault management systems through to complex IT systems for effective regional and national network information and control.

Nicander works with many different technologies from databases, expert systems, geographical information systems and networking to telephony, smart devices and camera systems. We are the go-to company for large-scale systems integration.

We work with authorities, infrastructure owners and prime contractors around the World, delivering award winning solutions that:

- transform network operations, flow management, personal and business mobility.
- deliver major improvements in safety, reduce delays, waste and environmental impact of network operation.
- optimise the availability of assets, performance and reliability throughout their life.
- place our clients at the leading edge of information management technology solutions.

Our products and client contracts include:

- Fault Management System for all traffic technology for Dublin City
- Asset and Fault Management System for Transport Infrastructure Ireland
- Selective Bus Priority System and Performance Data Warehouse for Dublin City
- SMART Motorway Control System for Sweden
- Interface software for Highways England's Advanced Traffic Management System
- Integrated Asset Management and Service Operations Information System for the new Mersey Gateway Bridge in NW England



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