

Next! generation software developer

Natural choice





KRONOS

Kronos – the natural choice

**Kronos – continually perfected
monitoring platform.**

This solution has grown out of the experience of both owners in the area of security company and the design of advanced IT solutions.

We have placed stability, versatility and ergonomic design at the centre of our solution. The number of people involved in development and service of this system has grown from a few people to a 20 person team, this testifies the scale and pace of the growth of this product. The high quality of the development and service process has been rewarded by an **ISO9001** certificate.

An open approach to our customers and partners is vital and we always strive for mutually profitable co-operation model.



Environment

The attractiveness and versatility of Kronos have been the reasons why it has been the choice for implementations in many countries including those from Europe, Asia, Africa, America and Australia and across various business environments.

Kronos as a monitoring platform is attractive not only to the security market, but it has found its way into the corporate market as well as military, aviation, utility, environment monitoring and other applications.

It can support start-up, large and enterprise environments. Users are free to choose between full network version (**Kronos Net**) with many innovative features aimed at expanding their business activities or simple to set up and use **Kronos LT**, which is the perfect solution for a start-up environment.

The modular nature of this software coupled with three layer architecture make it easy to adapt for any miscellaneous requirements the customer may have need of. Well chosen technologies and enormous amount of work put into the system design make it possible to disperse it freely into many locations, without burdening the user with necessity of maintaining expensive and complicated hardware and network infrastructure. At the same time it offers full range of features for monitoring: buildings, vehicles, people, guards, environment in an all-in-one suite. Monitoring station management support features such as reporting, billing or service management are all built into this product.



Care

**Even the best software
requires continuous care.**

We understand that without service, training and upgrades the base product is worthless. It is only the quality of both the product and the support that determines Kronos' final quality.

We give tremendous attention to the wishes and feedback from our employees and distributors as they are the ones that have day to day contact with our customers.

24/7 service availability is our standard throughout the world for all our customers with signed SLA.

The care for our products is also reflected in their development. This process is for a big part guided by our customers' opinions. We have been developing Kronos since 2002 and will keep on doing this as Kronos is meant to be the system that will help our customers keep abreast with ever-changing business environment.

The users can make extensions to the system on their own. Database structure for reports or user prepared data entry interfaces is open for our clients just as is the protocol for "universal driver" which can be used to connect external devices to Kronos.



Anatomy

Kronos is a combination of simple ideas and complex mechanisms.

The idea of providing stability and security results in the necessity for implementation of advanced mechanisms for data handling, hence, three layer architecture and encryption. Owing to such solutions the system visibly distinguishes the base role of the database (which is never made available directly in any network) and data processing and presentation done by the core of the system, its drivers and other modules.

Providing comfort and quick access to reports for the users entails using packet data transmission and modular nature of the system guarantees its scalability.



Freedom

Kronos' basic strength is integration, its ability to join various devices and technologies into one coherent system giving its users freedom of choice.

Burglary monitoring? Vehicles? Persons? Video? Environment? Medical? Vending? Guard tour control? It's here—all in one package. The Ability to combine many different services improves the quality of your service. You can start to provide many new and revenue generating services without the need to add any further infrastructure.

We work with tens of different devices and add new ones all the time. You will find radio, GPRS, PSTN or Ethernet base receivers among them. If we encounter a base station that does not have a Kronos driver—we will make it free of charge. You will be Free to join dispersed monitoring stations into one body. Such a solution has a drastic cost cutting effect for the monitoring station. It also offers access to coherent data on all companies' activities thus creating a huge advantage and giving your business new possibilities.



Speed and strength

A unique synergy between speed and strength.

We have managed to reach a synergy between efficiency allowing for processing well over 100 signals per second, handling concurrently over 50,000 (say: fifty thousand alarms open at one terminal) and the unmatched flexibility and functionality of the signal processing sequence. The latter gives us chance to process not only bi-status signals but measurements as well. The system can prepare reports supporting business analysis based on data from many months previous.

All this is due to:

- concurrent processing of multiple signals and automatic efficiency scalability, which depends on number of connected signal sources and terminals
- sub-process agent system responsible for reporting
- data compression
- packet data transmission mode allowing you to see results before the whole package is sent
- synchronisation and retransmission of only changes not whole lists



Resilience

Kronos is resilient, both to external attacks and problems within infrastructure.

It resilience is build around following features:

- three layer architecture protecting against unauthorised access to data base
- Disc buffers—used to write all information, so that at no given moment any piece of data is stored in memory alone. After a break down or restart the system returns to exactly the same state as before.
- proprietary communication protocol with symmetric and asymmetric encryption mechanisms making it almost impossible to hack
- Automatic backup site—it is possible to have a “cold site” activated automatically that takes over in matter of seconds after the main one is lost. This can be local or remote.
- remote management capability: all system modules can be managed remotely by the system admin,
- SMS reporting of all potential problems
- advanced mechanisms of error detection and reporting: system handles possible errors by itself re-executing problematic code sequences
- automatic support for back-up connections in case of failure of the main one



Intelligence

In the case of Kronos strength
does go with intelligence.

Kronos provides an advanced reporting system, allowing not only for composition of summary reports of alarms or signals from a given time period but also statistical reports with export capability. They can have form of tables or graphs prepared by the user. Reports can improve management data thus allowing enhanced efficient planning of monitoring stations or guarding all based on previous data.

Automation is another aspect of Kronos' intelligence. Multistage alarm handling, automatic report sending via mail or SMS notifications, remote access for end users via specialised software or web browser, call centre functionalities are just some of many features taking load off the operator.



Size

**Our solutions have amazing
ability to adapt.**

**Kronos' structure makes it a perfect candidate for application where
a dispersed system is required.**

It can encompass virtually any territory covering many countries. Independent operator, service or billing modules can be connected to a server in a remote location. Same goes for drivers for base receivers that can be located at distant places with information sent from them in real time via TCP/IP protocol.

System is equipped with PDA terminals for service personnel and response teams communicating with the server via GPRS in real time. Such features promote freedom of growth not only in terms of size but territory as well.



The team

That which in many companies is a corporate cliché is a vital and alive part of what we do.

We know there is no Next without us! Those of you who had the chance to meet us in person know it. Working as a team shows its advantages when problems occur—they are not a problem of one programmer but the whole team that often sets to solve them together. Key solutions and choices involve us all—thus our intellectual potential and personal involvement is used to its fullest.

Experience, ambition and inspiration push the innovative development of Kronos ahead and constitute is added value.



Versatility

The monitoring station is not just about receiving signals but about service and business management.

Only the connection of all these elements in one environment constitutes a complete solution and makes any system versatile.

The system holds information and reminds of the routine service calls, allows for the recording and supervision of service calls, installation of alarm systems or gives the service personnel access to signals log or relevant documents from a PDA.

The billing module automatically invoices end users based on flexibly of set price-list schemes, and that can take into account even complex discounts or promotions.

We try to make running a monitoring station as easy as possible.



Vigilance

All technical issues are detected and reported to relevant technical staff – not just operators.

As long as main module of the system is operational all problems can be handled from the within Kronos.

Vigilance relates not only to the system itself, but also all business process that come into being with Kronos' implementation through many additional modules and functionalities. The analysis of workflow monitoring, service and billing is automated and visibly improves service levels for end users and makes it possible to react while problems occur at any stage of business process.



Workgroup

We are the first to have implemented a possibility of automatic co-operation between security companies – competition turns into cooperation.

Kronos makes it possible for security agencies or companies to co-operate.

A collaboration of internal or external partners can be configured to handle work from other partners to help with, for example, relieving high workloads or staffing issues. All data necessary for alarm handling can be relayed to another Kronos system at the time of the alarm and when the workload returns to normal all information on actions taken along with the report goes back to the host system.

When preserving autonomy of the systems is not necessary it is possible to use remote terminals within one system selecting only a specified group of accounts that have to be made available. This sort of application works well with key customers, Fire Brigades, police or subcontractors.

From now on your work with subcontractors enters a new dimension, where the general contractor has full control over subcontractor's reaction time and the processes undertaken.

The system takes care of security issues by providing access only to selected information.

Mobile elements of the system allow for signal retransmission to co-operating installation companies speeding up the process of installation and service and drastically limiting the time operators spend on the phone with technicians.



Simplicity

Evolution eliminates complications that do not support efficiency.

Kronos is also governed by this law. We keep on perfecting the interfaces range of functionalities, flow of work, efficiency and flexibility.

Our latest addition is the touch screen terminal for operators. You just need to touch it. When the time of alarm handling matters the most, distance from the data must be minimal.

Simplicity and functionality of the touch interface has been reviewed many times by those who have the most to offer- the operators.

Taking into account the level of complication of the tasks the system can perform, it is at the same time simple to install and use. Full training for the system admin takes no more than two days.

Hardware is also not a problem, smaller installations can be run on just one machine, system requirements for larger systems are surprisingly low and network structure is simple.

Contact

Please get in touch with our distributors.
Full list can be found on our webpage.

www.next.biz.pl

ul. Montażowa 3, 43-300 Bielsko-Biała

phone. +48 33 811 25 11, fax +48 33 811 25 12

e-mail: biuro@next.biz.pl

Poland

www.next.biz.pl

