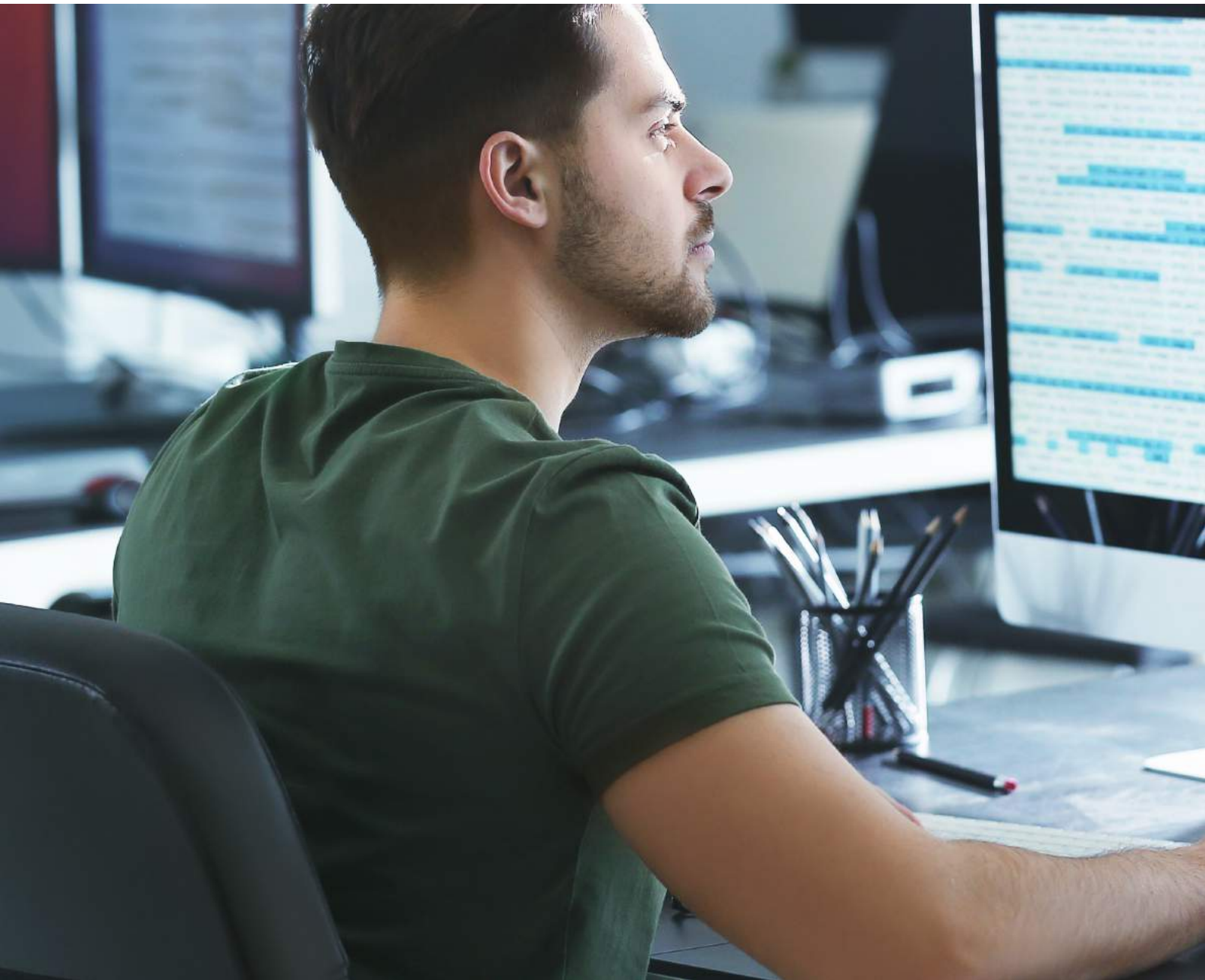


# COMARCH

## Comarch MAP Monitoring & Automation Platform

Intelligent monitoring of client infrastructure and systems



# Comarch MAP

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Comarch MAP, or Comarch Monitoring & Automation Platform is a tool for monitoring of the infrastructure and configuration items of the client's systems. It can be employed for modelling business processes and tracking architectural dependencies. Monitoring may be performed at various levels, e.g. administrative or business levels. Our solution can be used by clients from all industries both in Poland and abroad.

## System pillars

### Monitoring

The consistent interface enables infrastructure monitoring both from the administrative and managerial levels

### Database

CMDB, which works as a data warehouse, is employed to store information about the hardware and programs used in the system

### Machine Learning

The module predicts threats to the system, which helps detecting a potential failure before it occurs

### Automatyzacja

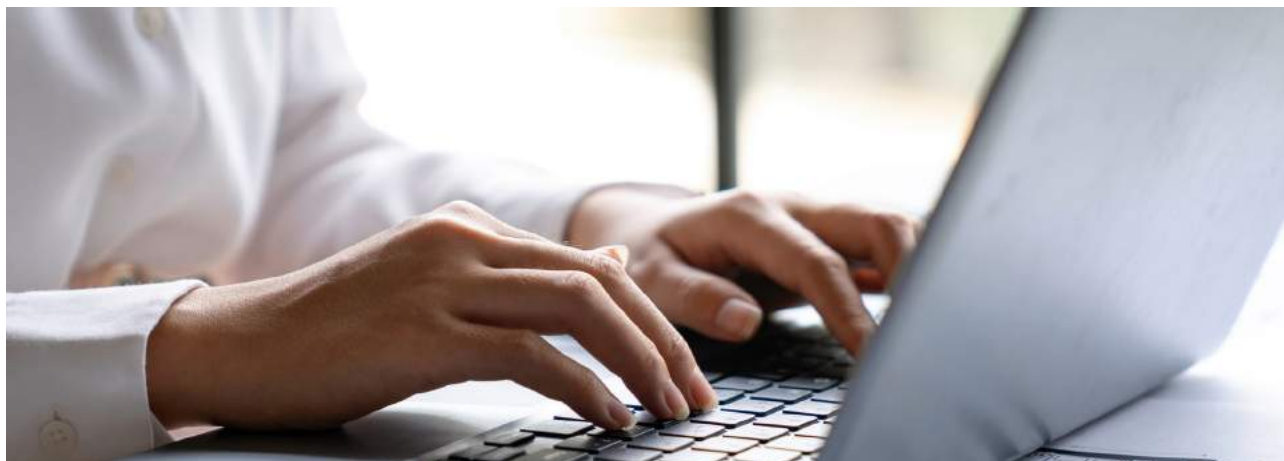
Automation of the complex infrastructure detection and maintenance process by using the extensive Discovery module

## Modules

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For the sake of our clients, we create solutions tailored to their needs. This is why Comarch MAP has been designed in a way that allows further expansion by adding another nodes processing queries. Examples of modules used in the implemented solution for a client of the public administration sector are:

- **Monitoring module:** virtualisers (Vmware), network infrastructure (e.g. LAN/SAN switch, load balancer), operating systems (e.g. Linux, Windows), databases (e.g. PostgreSQL, Oracle, DB2), business systems
- **Prediction module (ML):** determining trends and prediction of parameters
- **Discovery module:** improvement of the infrastructure detection and maintenance process





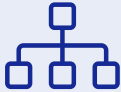
Preview of all elements of the environment in one place



Reduction of the time needed to detect and maintain the infrastructure



Prediction of the occurrence of threats thanks to machine learning



Combining business and infrastructure items into processes



Option to adjust the system to the client's needs



Defining rules validating the state of the monitored object



Scalability of the solution without rebuilding of the operating system



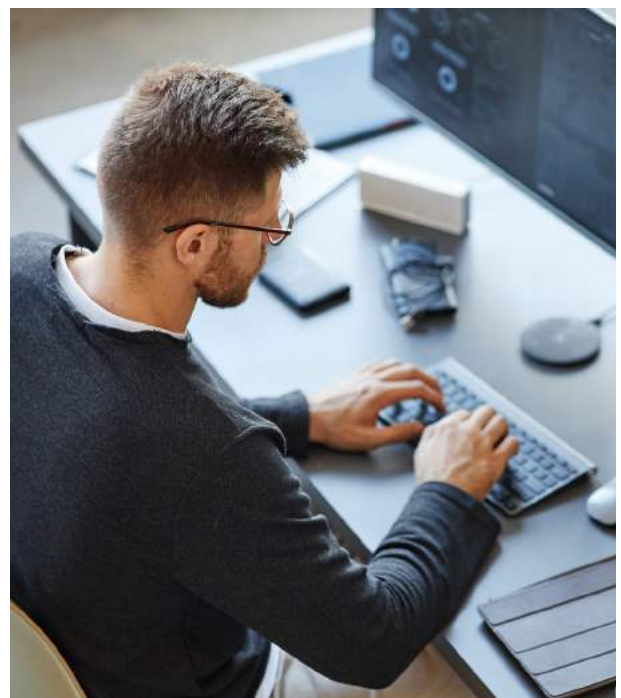
Generating detailed reports for a specified period of time



Disabling alarms during service work

## Why Comarch MAP?

- 1 Efficiency
- 2 Real-time alarms
- 3 Push and pull communication
- 4 Dedicated views
- 5 Scalability
- 6 High availability



# COMARCH

## Contact us

Visit [www.comarch.com](http://www.comarch.com) for the contact information of our offices in the following countries:

Austria	Mexico
Australia	New Zealand
Argentina	Panama
Belgium	Peru
Brazil	Poland
Canada	Saudi Arabia
Chile	South Korea
China	Sweden
Colombia	Switzerland
Finland	Thailand
France	The Netherlands
Germany	Turkey
Italy	UK
Japan	Ukraine
Luxembourg	United Arab Emirates
Malaysia	USA

## About Comarch

Comarch is a global provider, with 30 years of experience, of technologically advanced software designed to help enterprises improve their business efficiency, reduce operational costs, and build strong relationships with all of their partners and clients. Comarch has made its name by working with some of the most renowned brands and organizations in the world, including various airline holding companies, telecoms, financial institutions, banking and insurance, trade and services, infrastructure, public administration, industry, healthcare, and in the sector of small and medium-sized enterprises. Comarch's clients include JetBlue Airways, Heathrow Airport, BP, Carrefour, Heineken, Goodyear, Pepsi, and Vodafone.