

Grzegorz Sowa, Comarch, Cracow, Poland

"Brilliant solutions. Innovative technology. Strongly-modern design.

Comarch products in the service of pan-European projects"

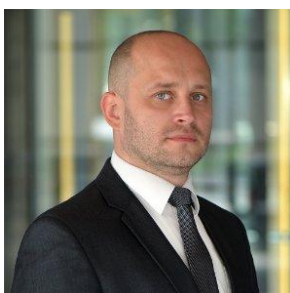
Comarch is a strong, knowledge based company, with significant experience in developing sophisticated software and IT solutions for several key sectors. Most products offered by Comarch are developed in-house. Comarch's capacity for constant innovation is backed by its vast experience, highly qualified human resources and above all, by considerable R&D spending.

Comarch is organized as a capital group and operates both nationwide in Poland as well as internationally throughout Western & Eastern Europe, the Middle East, the U.S.A., and Latin America. Comarch is one of the few Polish IT companies which have a significant presence abroad.

Comarch Technologies is the fast-growing technology wing of Comarch Capital Group providing comprehensive end-to-end solutions that combine HW and SW, standing out from its competitors by following the highest industry standards in safety and security. We draw our extensive technical knowledge and know-how from successfully completed projects in the areas of mobile software development, integration, quality assurance, interoperability and cross-platform consulting services. In the field of embedded software, Comarch provides services for consumer electronics and automotive R&D. These services range from electronics design and hardware prototyping to base-porting, microcontroller programming and user experience studies, focusing on connectivity and data interchangeability. Thanks to a long-lasting cooperation with financial institutions worldwide, we have developed in-depth understanding of cyber security threats and addressed them in our market-proven security solutions. In our business cooperations we bring an awareness of our customer's expectations in terms of information confidentiality, vendor independence and cost transparency.

Our comprehensive cyber security solution provides companies with all necessary means to protect their IT systems. It allows companies to create a holistic security strategy rooted in confidentiality, integrity and availability starting from analysis and system design, through the implementation of security policies up to regular system and procedures audits. Such a robust strategy guarantees an exceptional security level of your IT environment based on centralised management and strict control over the access to IT resources along with advanced sensitive data protection.

Additionally, our solutions are supported by many hardware devices developed in-house in Comarch's Lab, which provide enhanced security for user authentication and access control. Having full control over the entire SW & HW R&D process lets us address the latest security threats and challenges, and keep our solutions in compliance with industry standards and clients' needs.



Grzegorz Sowa has been working for Comarch S.A. since 1998. In 2000, he received a Master of Science Degree in Computer Science from the AGH University of Science and Technology in Krakow. He has worked as a programmer/designer, later as an analyst and project manager. Since 2001 he is working as the production manager of the IT Security R&D Department. His certifications include among others: CISSP (Certified Information Security Manager); CISM (Certified Information Security

Manager); CISA (Certified Information Security Auditor); Security administrator (Polish certificate issued by Agencja Bezpieczeństwa Wewnętrznego – covers topics under classified information law).

Mr Grzegorz Sowa has been leading crucial projects for IAAA, Dialog, NASK, ING and Polish Government (Ministry of Finance, Ministry of National Defence and other). He was the Comarch project manager for the ECOLEAD project under the 6th Framework Programme (6FP). Mr Sowa took part in the performance of a 7FP cybersecurity projects: NI2S3, FutureID and SAWSOC. He also was involved in other co-financed by the European Union projects in the field of Critical Infrastructure Protection (OKIT and DICOM).