



INTRODUCTION OF THE COMPANY

Cogniware was established to provide the highest level of technical support for clients, who are looking to maximize their profit out of innovative solutions and new technologies. The company has its own funding from Czech Republic and over 15 years of professional experience with the delivery of business oriented IT solutions for large organizations in USA, Europe and Middle East. We have a team of over 25 highly experienced specialists in a variety of fields related to our business solutions.

Cogniware is one of the most experienced companies in Central and Eastern Europe in the areas of **Unstructured Data Analysis** (natural language processing, picture and voice analytics), **Big Data Analytics**, **Cognitive** and **Enterprise Content Management** solutions. We specialize in merging of unstructured and structured data to exponentially increase the utilization of clients information.

To support this goal we have also created a **software product line** that came as a natural extension – we are offering the tools that the team created when working on the service projects. These are offered mainly through our partner ecosystem.

Finally, for common business problems we have created a line of ready to be deployed **end to end solutions**.



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Expertise of our team

Cogniware team consists mostly of highly skilled senior architects, consultants and developers, who have strong experience with the execution of large-scale projects in many countries. Our expertise is focused on the offering of services for the following areas and products (systems):



NATURAL LANGUAGE PROCESING AND BIG DATA ANALYTICS

IBM Watson Explorer Advanced Edition (Former IBM Content Analytics)

IBM Watson Explorer Foundation (Former Vivisimo)

IBM i2 Analyst's Notebook

IBM i2 Enterprise Insight Analysis

IBM InfoSphere Streams (Real-time Analytics)

IBM Content Classification



COGNITIVE

Neural Networks (Deep learning used for artificial intelligence in medicine)

IBM Watson Developer Cloud

(Conversation, Natural Language Classifier, Personality Insight, etc.)

IBM Watson Engagement Advisor



ENTERPRISE CONTENT MANAGEMENT

IBM FileNet P8 Platform (CE, PE, Content Navigator)

IBM Case Manager

IBM Content Collector (for Mail, FileSystem, SAP, Sharepoint)

IBM Datacap

Cogniware expert consulting services

Our services include professional consulting with wide knowledge of IT business and various skills, from design, throughout the implementation to support services. These are mainly the following services and related project roles in:

- Project management
- Big projects scope (SOW) and business analysis
- GAP analysis
- Analysis and design of information systems
- Layout of business and technology architecture
- Development and setup of software solutions

System of cooperation

FIXED TIME/FIXED PRICE - Project orientation approach

- Complex (or partial) project assignment
- Project management by certified senior project managers
- Controlled milestones and outputs according to the project plan
- Mixed on-site/off-site arrangements
- Fixed time - fixed price payment according to agreed milestones

TIME AND MATERIALS - Capacity Leasing

- Selected specialists can be contracted for defined volume of work
- On-site or off-site work agreement, with agreed travel costs
- Monthly payments of invoiced and mutually approved man-days
- Participation of project coordinator according to agreed terms and dates

Cogniware Toolbox

Cogniware has developed its own reusable software products, which complement the standard IBM products in order to offer integrated solutions and to deliver higher added value for the customer. The CW Toolbox is offered foremost through our partner ecosystem.

COGNIWARE Data Collector

Cogniware Data Collector (CWDC) enables users to easily collect data from various social media networks and other sources for further analysis across various systems, e.g. IBM Watson Explorer Advanced Edition (IBM WEX). CWDC framework comprises of easily deployable crawlers, which can simultaneously collect data from manifold on-line and off-line sources.

COGNIWARE WEXi2 Bridge

Cogniware WEXi2 Bridge helps the analyst to easily visualize entities extracted from IBM WEX within IBM i2 Analyst's Notebook. The data is extracted and imported into IBM i2 Analyst's Notebook where it is automatically visualized. The system allows to start with empty power maps and to add entities and details to existing power maps as well.

COGNIWARE WEXEIA Bridge

Cogniware WEXEIA Bridge is a more complex variety of IBM WEX and IBM i2 integration. Thanks to the DAOD connector users working in IBM i2 Portal or IBM i2 ANB don't see any difference working with data coming from IBM WEX from working with any traditional IBM i2 data source. They don't interact with any plug-in and work with unstructured data.

COGNIWARE Advanced Alerting

For specific use cases Cogniware has developed IBM Watson Explorer extension that lets end users create their own alerts based on search queries that notify them via email when a new document that matches the search criteria has been added to the collection.

Cogniware Solutions

The third Cogniware offering are end to end solutions to particular business problems. Currently we offer the following: Cogniware GDPR, Cogniware A.I. Medicine for Embryology and Cogniware Social Media Analytics. To know more about CW Solutions or any other offering please get in touch.

WE SPEAK

the language of people in management, marketing as well in IT departments.

WE CAN HELP

to understand what is necessary and we can help with achieving it by own means or with our support.

WE CAN PROVIDE

"turn-key" project delivery or lease our unique capacities.



REFERENCES AND FINISHED PROJECTS

Our certified experts have over fourteen years of experience in delivering projects for the following companies and public institutions in Europe and Middle East.

General Intelligence Directorate (Jordan)

- **Project name:** Public safety Solution
- **Project Scope:** Installation, setup and customization of IBM Watson Content Analytics and IBM i2 Analyst's Notebook (IBM i2 ANB). Arabic text analysis, entity detection and visualization within IBM i2 ANB using our own integration between IBM Watson Content Analytics and IBM i2 ANB
- **Technologies:** IBM Watson Explorer AE, IBM i2 ANB
- **Sector:** Government
- **Country:** Jordan
- **Project language:** English



IBM (USA)

- **Project name:** ACIS
- **Project Scope:** Internal IBM system - Integrated system that helps Application owners to keep documentation for their applications aligned with the compliance requirements. Key processes:
 - Documents and process management based on the IBM FileNet Content Manager platform
 - User Interface based on the IBM Content Navigator
 - Automatic guidance for Application owners which documents needs to be created/updated
 - Automatic process for documents overview/approval after creation/update
 - Automatic documents and Application Instances compliance status calculations
 - Automatic access rights updating according to changes in external systems
 - Compliance Dashboard: Page that shows the current document compliance status
 - Documents issue management
 - System integration with external systems that follows organization's rules
- **Technologies:** IBM FileNet, IBM Case Manager, IBM Content Navigator, IBM Watson Explorer Advanced Edition
- **Sector:** Public
- **Country:** USA
- **Project language:** English



Government Office of the Slovak Republic (Slovak Republic)

- **Project name:** Public and Social Media Analytics
- **Project Scope:** Development of custom crawlers for Cogniware Data Collector Social, setup crawling jobs and further analysis within IBM Watson Content Analytics.
- **Technologies:** Cogniware Data Collector, IBM Watson Content Analytics
- **Sector:** Government
- **Country:** Slovak Republic
- **Project language:** English



Insurance company (Switzerland)

- **Project name:** Cognitive adviser
- **Project Scope:** Implementation of cognitive adviser for delivering all structured/unstructured information about (or related to) the customers and potential customers in one uniform portal (360° view) and helping to make a decision in classifying subjects regarding to already classified customers. Intuitive and interactive UI configured for continuous feedback from users to be able to learn and improve its' own advising knowledge.
- **Technologies:** IBM Watson Explorer Foundation (Vivisimo), IBM Watson Explorer AE, IBM WEX Application Builder, IBM Content Classification
- **Sector:** Insurance
- **Country:** Switzerland
- **Project language:** German



Intelligence (Jordan)

- **Project name:** Analysis platform
- **Project scope:** Implementation an analytical system for investigating suspicious patterns of movement and behavior of civilians and foreign nationals on the territory of the state. The key goal of the project was to integrate and consolidate data records from different data silos containing border crossings, database of civilians and details of individuals and their criminal history (including investigative reports) to enable analysts to search and identify a specific target from millions of records in seconds.
- **Technologies:** IBM Enterprise Insight Analysis
- **Sector:** Government
- **Country:** Jordan
- **Project language:** English



Governmental organization (Abu Dhabi)

- **Project name:** Voice of the people
- **Project Scope:** Implementation an analytical system for analyzing various online data sources (Twitter, web, radio feeds) to identify key issues in various areas of public life. Creation of customized dashboards and specialized entity extractors.
- **Technologies:** IBM Watson Explorer Advanced Edition Analytical Components
- **Sector:** Government
- **Country:** UAE
- **Project language:** English



Public transport company (Belgium)

- **Project name:** Caseman
- **Project Scope:** Design, configuration and development in the technologies listed below, mainly concerning integration points between customer core systems and Caseman, both in workflows and integration bus and design/implementation of a migration tool.
- **Technologies:** IBM Case Manager, IBM Integration Bus, IBM Content Navigator
- **Sector:** Public Transport
- **Country:** Belgium
- **Project language:** English



Dubai Police (United Arab Emirates)

- **Project name:** Public safety Solution
- **Project Scope:** Installation, setup and customization of IBM Case Manager, IBM Watson Content Analytics and IBM i2 Analyst's Notebook (IBM i2 ANB).
- **Technologies:** IBM Case Manager, IBM Watson Content Analytics, IBM i2 ANB
- **Sector:** Government
- **Country:** United Arab Emirates
- **Project language:** English



Public Safety - NDA (Czech Republic)

- **Project name:** Public safety Solution
- **Technologies:** IBM Case Manager, IBM Watson Explorer Foundation (Vivisimo), IBM Watson Explorer Advanced Edition, IBM i2 Analyst's Notebook, IBM i2 Enterprise Insight Analysis
- **Sector:** Government
- **Country:** Czech Republic
- **Project language:** Czech

IBM Slovensko, s.r.o. (Slovak Republic)

- **Project name:** SK NLP Support for IBM Watson Explorer Advanced Edition (WEX AE)
- **Project Scope:** Delivery of a Slovak language support for IBM WEX AE, identification and control of processes, building dictionaries and rules, testing and improving quality, processing legal requirements
- **Technologies:** IBM Watson Explorer Advanced Edition Analytical Components
- **Sector:** IT
- **Country:** Slovak Republic
- **Project language:** English, Czech, Slovak



State Security Department (United Arab Emirates)

- **Project name:** SSD Public Safety Solution
- **Project Scope:** Complex Content Analytics and Enterprise Content Management solution
- **Technologies:** IBM Advanced Case Manager, IBM WebSphere Application Server, IBM Watson Content Analytics, IBM Tivoli Directory Server, IBM i2 Analyst's Notebook, Oracle Database
- **Sector:** Government
- **Country:** United Arab Emirates
- **Project language:** English

Arab Bank plc. (Jordan)

- **Project name:** CC DIALOG
- **Project Scope:** Demonstration of cognitive tool advising bank clients about credit cards
- **Technologies:** Watson Conversation, Watson Engagement Advisor
- **Sector:** Finance
- **Country:** Jordan
- **Project language:** English



Arab Bank plc. (Jordan)

- **Project name:** ECM solution
- **Project Scope:** Providing Quality Assurance services during the ECM system implementation process in Arab Bank Jordan. During the project we were responsible for the QA in order to review of ECM solution, and to suggest improvements by applying our best practice.
- **Technologies:** IBM Case Manager, IBM FileNet, IBM Content Navigator, IBM Datacap, IBM Content Manager OnDemand
- **Sector:** Finance
- **Country:** Jordan
- **Project language:** English



Transpetrol a.s. (Slovak Republic)

- **Project name:** Upgrade DMS
- **Project Scope:** FileNet system upgrade – analysis, architecture layout and implementation of FileNet system based on the architecture layout while preserving the existing functionality. Development of DMS based on FileNet system – analysis and solution layout for new document types processing, modification of scanning process, document management according to legislation, document migration from file storage to FileNet, integration of FileNet to other systems (SAP, SharePoint and file system) followed by implementation based on approved layout.
- **Technologies:** IBM FileNet P8 Platform, IBM WebSphere Application Server, ACSAP Connector, IBM Content Collector for SAP, IBM Content Collector for Sharepoint, IBM Datacap
- **Sector:** Industrial (Pipeline Operator in Slovakia)
- **Country:** Slovak Republic
- **Project language:** Slovak



GE Money Bank, a.s. (Czech Republic)

- **Project name:** Documents and processes administration system (ECM - Enterprise Content Management)
- **Project Scope:** Feasibility study, business analysis, AS-IS, TO-BE and GAP analyses of business processes (general workflow, scanning, archive processes). ECM system analysis, layout and implementation. Return of investments (ROI) and benefits of ECM system introduction analysis.
- **Technologies:** IBM Content Manager
- **Sector:** Finance
- **Country:** Czech Republic
- **Project language:** English



Orange Slovensko, a.s. (Slovak Republic)

- **Project name:** eSign
- **Project Scope:** Design and implementation of biometric digital signatures and integration with IBM FileNet P8 CM and BPM
- **Technologies:** IBM FileNet P8, IBM Content Collector, SoftPro SignDoc Web, SignBase, Weblogic
- **Sector:** Telecom
- **Country:** Slovak Republic
- **Project language:** Slovak



Ministry of Regional Development CR (Czech Republic)

- **Project name:** NeN
- **Project Scope:** National electronic tool – NEN is together with e-markets solutions already a second NIPEZ (National Infrastructure for electronic public procurement) module in Czech Republic. It is designed for complex strategic procurements and offers complex functionality in all categories of public tenders and all categories of customers, including sector customers. It can be applied in public tenders for commodities that are difficult to standardize. The NEN provides a full-scope support for digitalization, starting from registration of a tender up to the overall electronic processes. The NEN can be applied for public tenders, whereby the automatic assessment method cannot be applied, e.g. complex services, construction works including large constructions, delivery of technology units, etc.
- **Technologies:** IBM Advanced Case Manager, IBM FileNet, IBM WebSphere Application Server Network Deployment, IBM DB2 Database, IBM Information Archive
- **Sector:** Government
- **Country:** Czech Republic
- **Project language:** Czech



MINISTRY
OF REGIONAL
DEVELOPMENT CZ

Government Office of the Czech Republic (Czech Republic)

- **Project name:** ESS/EUD
- **Project Scope:** Development and Implementation of Document management and Records Management system for Government Office, integration with external systems and electronic document migration from various data sources
- **Technologies:** IBM FileNet P8, IBM Content Collector, IBM WebSphere Application Server, IBM DB2 Database, IBM TDS
- **Sector:** Government
- **Country:** Czech Republic



GE Money Bank, a.s. (Czech Republic)

- **Project name:** DMS
- **Project Scope:** Feasibility study, business analysis, AS-IS, TO-BE, and GAP analysis of company's processes (general workflow, scanning, archiving processes). Analysis, design and implementation of ECM system. Estimation of achievable benefits, ROI.
- **Technologies:** IBM Content Manager
- **Sector:** Finance
- **Country:** Czech Republic
- **Project language:** Czech, English



GE Money
Bank

Orange Slovensko, a.s. (Slovak Republic)

- **Project name:** Orange ECM
- **Project Scope:** Development and Implementation of Document management system, data migration - complex solution for customer documentation management. Digitalization (scanning) and automatic content extraction from customer documentation. Automated document entry and indexing. Integration with production systems
- **Technologies:** IBM FileNet P8 Platform, IBM Content Collector, Oracle Weblogic Application Server, Oracle Database
- **Sector:** Telecom
- **Country:** Slovak Republic
- **Project language:** Slovak



Palacky University Olomouc (Czech Republic)

- **Project name:** UP DMS
- **Project Scope:** Development and Implementation Document management system for students and operations.
 - Implementation of ECM system providing secure, easily searchable and manageable content storage for contracts, students documentation, college boarding documents.
 - Analysis and implementation of content-centric business processes.
- **Technologies:** IBM Content Manager, IBM WebSphere Portal
- **Sector:** Education (University)
- **Country:** Czech Republic
- **Project language:** Czech



VÚB bank, a.s. - member of Intesa Sanpaolo Group (Slovak Republic)

- **Project name:** CEZAR
- **Project Scope:** Development and Implementation of Document Management System - complex solution for customer documentation management (loans and related documents).
 - Digitalization and automatic content extraction
 - Customer case management
 - Large scale BPM solution for loans processing, integration with call center system and backend banking IS
 - Multichannel collaboration Portal
- **Technologies:** IBM Content Manager, Oracle Database, IBM Websphere Application Server
- **Sector:** Finance
- **Country:** Slovak Republic
- **Project language:** Slovak, English



Home Credit International, a.s. (Czech Republic and Slovak Republic)

- **Project name:** DMS
- **Project Scope:** Development and Implementation of Document Management System for customer documentation management integrated in processes within bank production system. Digitalization and automatic content extraction from documents (loans, agreements, annexes and other related documents). Automation of system for borrowing of physical documents from the archive.
- **Technologies:** IBM FileNet P8, Oracle Database, BEA (now Oracle) Weblogic Application Server
- **Sector:** Finance
- **Country:** Slovak Republic, Czech Republic
- **Project language:** Czech



Slovak Telekom, a.s. member of Deutsche Telekom Group (Slovak Republic)

- **Project name:** ELP
- **Project Scope:** Development and Implementation of correspondence management system “Digital mailroom”, distributed scanning solution and complex Document Management System
- **Technologies:** IBM Content Manager for Multiplatform, IBM WebSphere Application Server
- **Sector:** Telecom
- **Country:** Slovak Republic
- **Project language:** Slovak





Slovak Telekom, a.s. member of Deutsche Telekom Group (Slovak Republic)

- **Project name:** ERR
- **Project scope:** Production data archiving from Siebel, SAP, MS Exchange, etc. into ECM solution based on IBM Content Manager
- **Technologies:** IBM Content Manager for Multiplatform, IBM Content Manager OnDemand, IBM Common Store fo Exchange, IBM WebSphere Application Server
- **Sector:** Telecom
- **Country:** Slovak Republic
- **Project language:** Slovak



Orange Slovensko, a.s. (Slovak Republic)

- **Project name:** Correspondence and Records Management System
- **Project Scope:** Development and Implementation of system for Daily Correspondence and Records Management solution
- **Technologies:** FileNet Panagon Content Services, FileNet Panagon eProcess, Oracle Database, Oracle Application Server
- **Sector:** Telecom
- **Country:** Slovak Republic
- **Project language:** Slovak



Česká pojišťovna a.s. (Czech Republic)

- **Project name:** DACP
- **Project scope:** Implementation of Document Management System (Digital Archive) for the largest insurance company in Czech Republic
- **Technologies:** FileNet Panagon Image Services, FileNet Panagon Web Services, Oracle Database
- **Sector:** Insurance
- **Country:** Czech Republic
- **Project language:** Czech



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