

Case for a **Manufacturing company**

Cloud Digital Workplace Unifies Numerous Systems of the Leading Metals & Mining Company_

Industry: Manufacturing Location: Ukraine Employees: 100,000



Client Background

Our client is an industry-leading group of metals and mining companies that focuses on the mining and processing of iron ore, and the manufacturing of steel products. With extensive experience in the metals and mining industry, our client operates across Ukraine, Europe, and the US, and has \$9 billion in revenue.

Business Challenge

In 2021, the leading metals & mining company was looking for a reliable IT provider to build a solution architecture for a digital workplace. Having successfully implemented other complex projects for this client earlier, Infopulse won the tender with a proven excellent delivery record.

The architectural complexity of the project required an all-encompassing approach to building a holistic system for a group of companies spanning approx. 100,000 employees. The largest challenge was to unite disparate systems that each of the group's companies used and implement a single company-wide interface that all the company employees would be able to access.

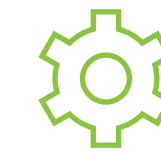
A required digital workplace solution was to resolve the following challenges:



Support – many websites with their own infrastructure



Costs – expensive infrastructure and team support



Technology – solutions had to be built with Microsoft tech



Usability – uniform approach for different types of users



Localization – introduce multi-language support for both the interface and content



Integration – integrate numerous third-party systems with the digital workplace

Solution

The client and Infopulse started the implementation of this massive project from an MVP stage. This allowed us to test the technologies necessary for the digital workplace solution and develop the solution architecture.


Next, we proceeded to the implementation and deployment stage (6 months) of the digital workplace solution based on the Microsoft Azure Cloud platform.

The project's highlight was the complexity of the group's organizational structure, which comprises numerous companies – each having their own systems. We combined and united those disparate sub-systems under a single interface that provides access to any data from those sub-systems. The types of access and data available to a user depend on their user role and permissions within the organization.

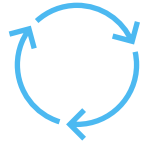


The delivered universal functionality of the digital workplace solution includes:


Adaptive Web, Mobile (iOS, Android), Chatbot (Viber, Telegram, Microsoft Teams) interfaces




Integrated digital workplace with third-party systems: Microsoft AAD, SAP, HPSM, etc.




Finance, Scheduling, Admin panel, GDPR modules



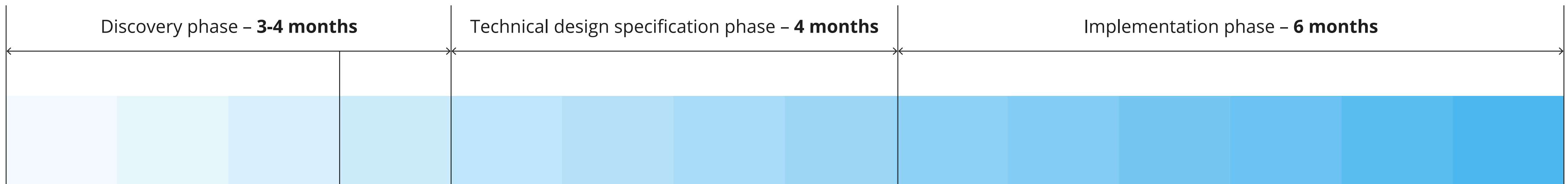
News, Notifications, Tasks, and Multilanguage features



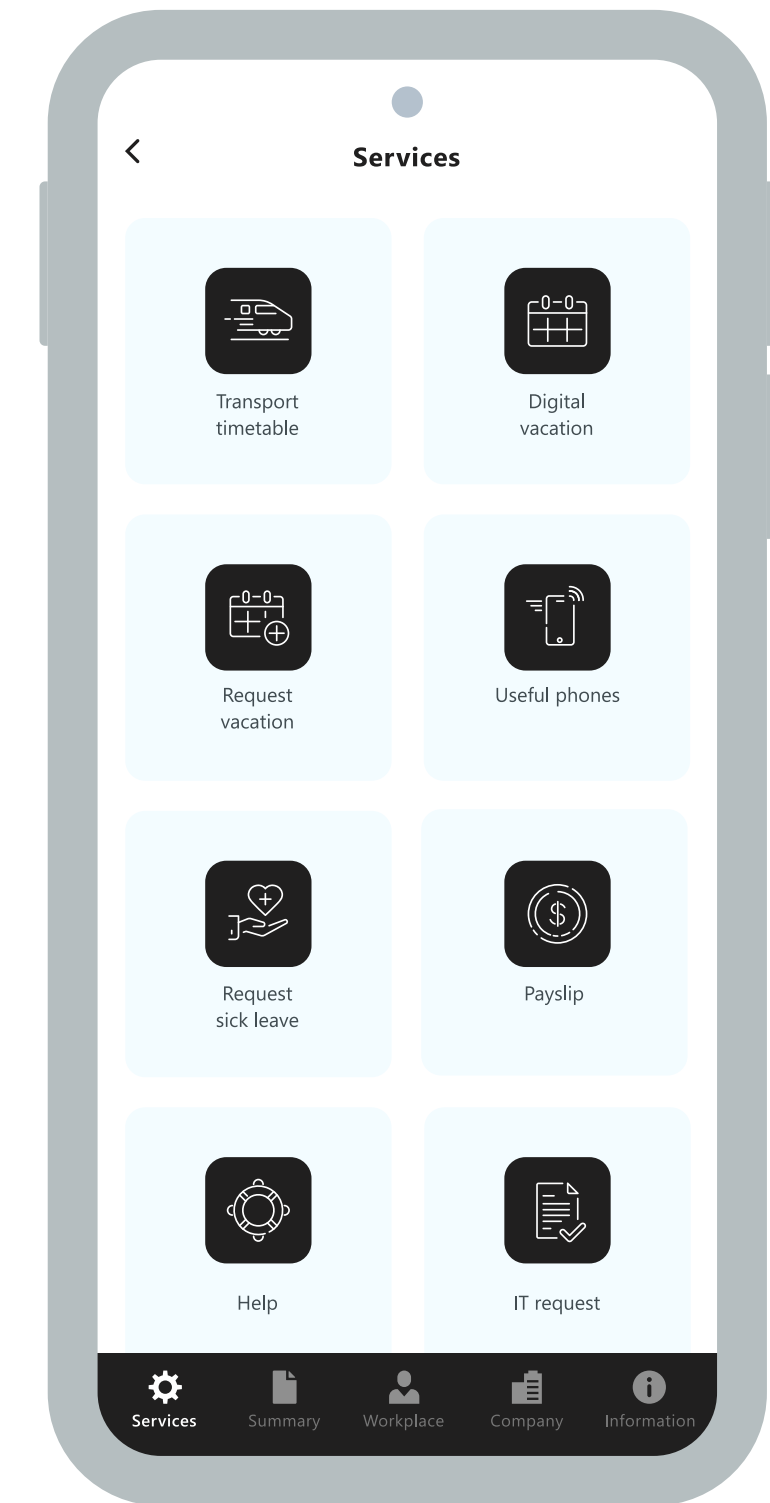
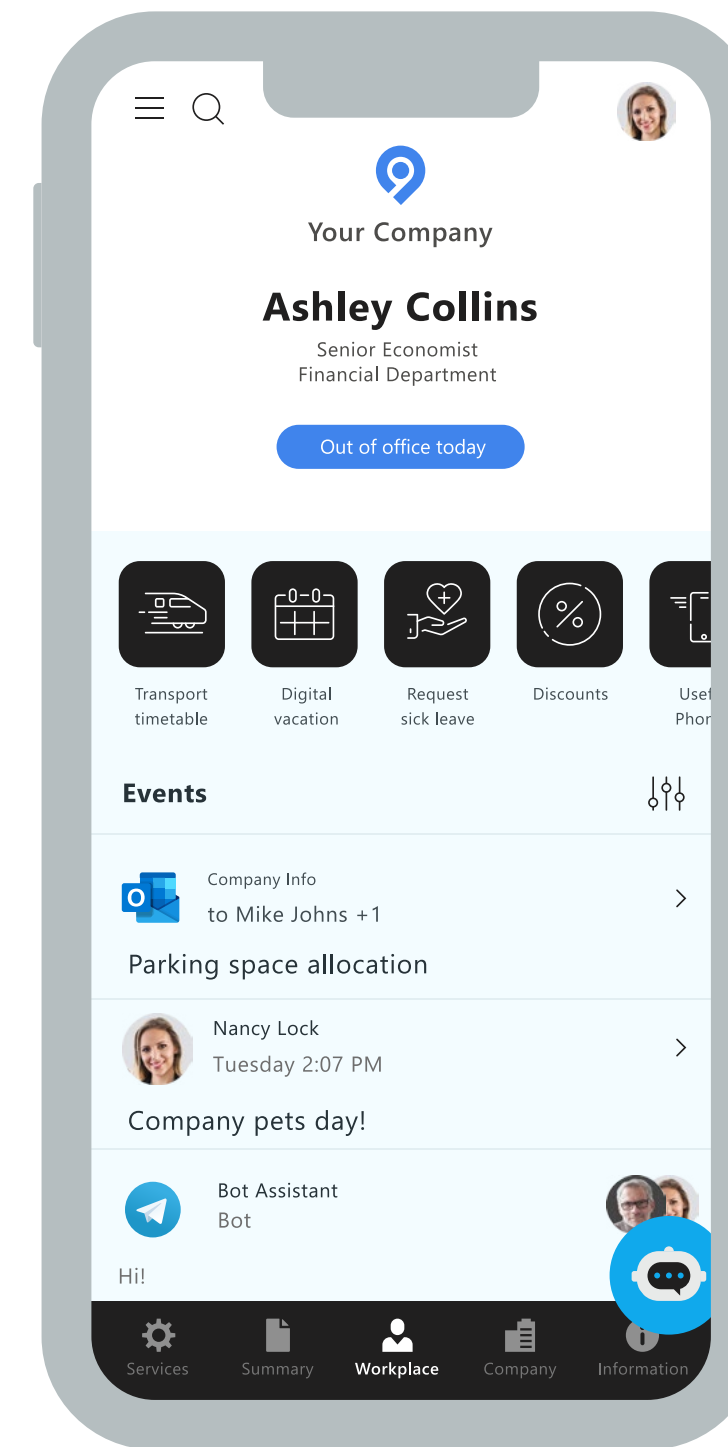
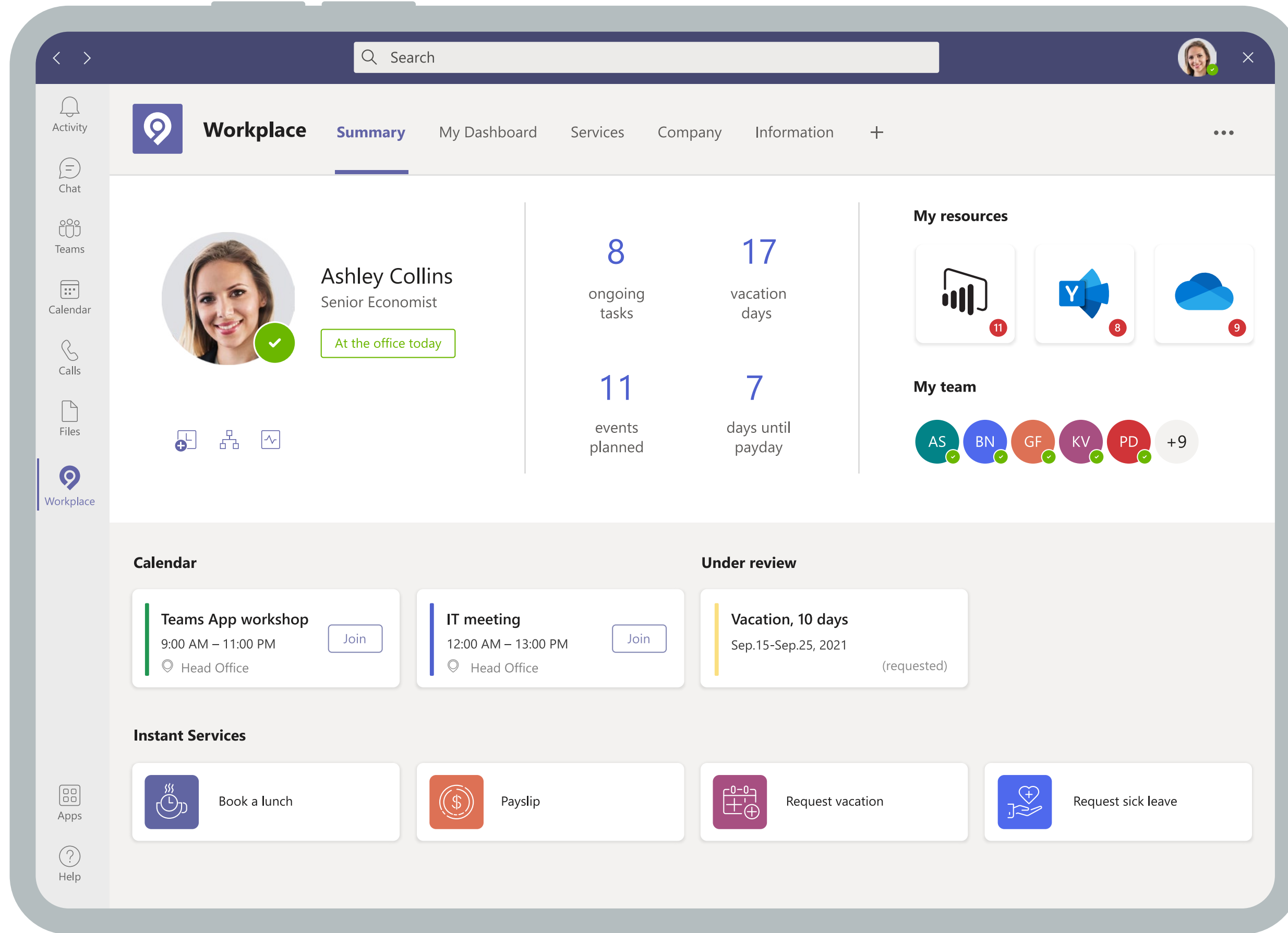
Personalized communication/display channels for data extraction



An average timeframe for similar projects:



Digital Workplace Solution visualization



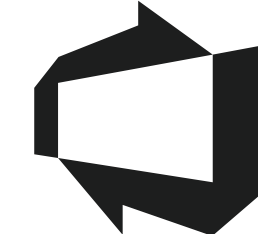
Technologies



Azure



Azure SQL



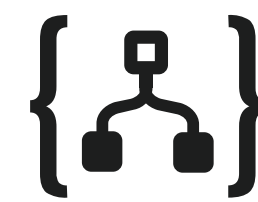
Azure DevOps



.NET 5



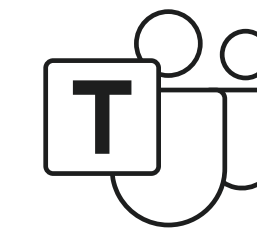
Service Bus



LogicApps



Redis



Microsoft Teams



Business Value

A new unified, integrated cloud productivity platform developed by a joint team of our client and Infopulse provides the leading metals & mining group of companies with all the functions of the employee workplace (vacations, sick leaves, orders, approvals, finance, etc.) regardless of the specific IT stack of each enterprise of the international holding.

The benefits of the digital workplace solution are profound and encompass the whole organization, empowering distributed employees to work as one. As a result of the digital alignment project, our client receives:

- Employee connectedness & better working experience
- Enhanced collaboration resulting in better customer service
- Responsive digital leadership among management
- Reduced infrastructure and support costs
- Microservice architecture that allows the system scalability and flexibility with ease



About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit www.infopulse.com

Contact us

PL +48 (221) 032-442

DE +49 (69) 505-060-4719

US +1 (888) 339-75-56

UK +44 (8455) 280-080

UA +38 (044) 585-25-00

BG +359 (876) 92-30-90

BR +55 (21) 99298-3389

 info@infopulse.com

