



IT FACTORY

CLOUD SOLUTIONS

We can utilize our potential in assisting you with the improvement of existing applications and infrastructure or the design of a new one, based on the modern Cloud technologies.



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GPU2 25.500 Mh/s, Rejec
eth-ru.dwarfpool.co
Shares: 477, Rejec
GPU2 25.500 Mh/s



Overview

IT Factory provides robust cloud solutions to drive business efficiency and scalability. Leveraging cutting-edge technology from leading cloud services providers like Amazon Web Services, Microsoft Azure, and Google Cloud Platform, we deliver a comprehensive range of IT resources, from applications to complete data centers, on a flexible pay-for-use basis.

Our cloud solutions empower businesses to quickly access, scale, and manage IT resources without significant upfront investments or the complexities of traditional IT infrastructure maintenance. Whether you need to launch new initiatives or enhance the operational efficiency of your IT department, IT Factory's cloud solutions provide the necessary tools and environments. From Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS) to Software-as-a-Service (SaaS) for main appliances as well as more customized services such as Security-as-a-Service (SECaaS) or Disaster-Recovery-as-a-Service (DRaaS) our offerings are designed to meet diverse needs across all business sizes and sectors.

With IT Factory, embrace the future of IT with solutions that minimize hardware and software expenditures, optimize cost structures, and boost overall business agility. Our expertise also extends to integrating software-defined technologies and virtualizing data center resources to offer more dynamic and adaptable IT services. By adopting a strategic mix of public, private, and hybrid cloud solutions, your business can achieve improved operational efficiencies, reduced costs, and a better balance between capital and operating expenses, including the following cloud service models.



Challenge

The organizations confront various challenges that demand strategic foresight and adept management to unlock the cloud's transformative potential.

- **Data Security and Compliance:** How to ensure data integrity and regulatory compliance, as well as to implement security protocols to safeguard data.
- **Downtime and Business Continuity:** How to minimize operational downtime and ensure perpetual data availability during migration.
- **Complexity of Migration:** How to ensure application compatibility and secure data transfer between environments by adapting processes to align with cloud environments.
- **Cost Management:** How to adhere to accurate budget forecasts and implement strategies for cost optimization and effective financial management.
- **Bridging the Skill Gap:** How to acquire skilled cloud professionals and develop training programs for existing staff, which means managing resources effectively to meet skill demands.
- **Seamless Integration:** How to ensure system compatibility and data synchronization between on-premise and cloud environments, thus assuring the consistent post-migration.
- **Vendor Lock-in:** Avoiding dependency on a single cloud provider by ensuring flexibility and interoperability across different platforms.
- **Scalability:** Effectively managing cloud resources to handle growing demands without compromising performance or incurring excessive costs.



"Cloud computing is the foundation of digital transformation"

Adam Trejgis, Cyber Security & Risk Leader

Solution

IT Factory is a key player in cloud development and migration, offering transformative solutions that help businesses maximize cloud technologies. Our services cover cloud consulting, development, migration, integration, and management, ensuring a smooth cloud journey. We provide a dedicated team of cloud experts, including architects, developers, migration specialists, and security professionals, to address all your cloud needs.

Whether you are initiating your cloud effort or optimizing and securing existing cloud infrastructures, our team is equipped to guide you through each stage effectively. Our comprehensive solutions are tailored to navigate the complexities and to utilize the full potential of cloud technologies and vendors:

• AWS cloud services

Service Model	Core services	Extended services	Supporting services
IaaS	EC2, EBS, Amazon VPC	Elastic Load Balancing, Auto Scaling Groups	AWS Outposts
PaaS	AWS Lambda, AWS Fargate	Elastic Beanstalk, Amazon Lightsail	AWS Batch, Amazon SageMaker
SaaS	Amazon WorkSpaces	Amazon Chime	Amazon Connect, AWS Marketplace
FaaS	AWS Lambda	AWS Step Functions	AWS X-Ray
CaaS	Amazon ECS, Amazon EKS	AWS Fargate	
DaaS	Amazon WorkSpaces	Amazon AppStream 2.0	
DBaaS	Amazon RDS, Amazon DynamoDB	Amazon Aurora, Amazon Redshift	RedshiftAmazon Neptune, Amazon DocumentDB
STaaS	Amazon S3	Amazon Glacier, AWS Storage Gateway	Amazon EFS
BaaS		AWS Amplify, AWS AppSync	
SECaaS		AWS Shield, AWS WAF	Amazon Inspector, AWS IAM, AWS KMS
DRaaS		AWS Backup	AWS Disaster Recovery

GCP cloud services

Service Model	Core services	Extended services	Supporting services
IaaS	Compute Engine, Google VPC	Persistent Disk, Compute Engine VMs	Google Cloud CDN, Sole-Tenant Nodes
PaaS	Cloud Functions, App Engine	Cloud Run, Cloud Endpoints	Google Cloud Workflows, App Engine Admin API
SaaS	Google Workspace	Google AppSheet	Google Cloud Identity, Virtual Desktops
FaaS	Google Cloud Functions	Cloud Pub/Sub, Cloud Scheduler	Google Cloud Tasks
CaaS	Google Kubernetes Engine	Cloud Run	
DaaS			
DBaaS	Cloud SQL	Cloud Bigtable, Cloud Firestore, Cloud Spanner	Cloud Memorystore
STaaS	Google Cloud Storage	Google Filestore, Cloud Storage for Firebase	Persistent Disk Snapshot, Local SSD
BaaS	Firebase	Google App Engine	Firebase Extensions, Test Lab
SECaaS		Google Cloud Security Command Center, Cloud Armor	Identity-Aware Proxy, Cloud HSM, Key Management Service
DRaaS		Google Cloud Backup	Google Disaster Recovery



IT Factory (...) delivered the agreed services in the manner closely aligned with the Client's demands. The expertise level of proposed specialists to work on projects at the Bank was always very high.

Top 3 Polish Bank

Azure cloud services

Service Model	Core services	Extended services	Supporting services
IaaS	Azure Virtual Machines	Blob Storage, Azure VPN Gateway	Azure Disk Storage, Azure Managed Disks
PaaS	Azure App Service	Azure Logic Apps, Azure Functions	Azure API Management, Azure App Configuration
SaaS	Microsoft 365, Azure Active Directory	Dynamics 365	Azure Information Protection
FaaS	Azure Functions	Azure Event Grid	Azure Logic Apps
CaaS	Azure Kubernetes Service	Azure Container Instances	Azure Service Fabric
DaaS	Windows Virtual Desktop	Azure RemoteApp	
DBaaS	Azure SQL Database, Azure Cosmos DB	Azure Database for PostgreSQL	Azure Table Storage, Azure SQL Managed Instance
STaaS	Azure Blob Storage	Azure File Storage, Azure Queue Storage	Azure NetApp Files, Azure Archive Storage
BaaS	Azure Mobile Apps	Azure App Service	Azure Notification Hubs
SECaaS	Azure Security Center	Azure Sentinel	Azure Key Vault, Azure Firewall
DRaaS	Azure Site Recovery	Azure Backup	Azure Backup Server

Our offer may include the following areas:

- **Cloud Strategy and Consulting:** Crafting strategies that align with your business and regulatory environment, with expert consultation.
- **Cloud Development:** Developing cloud-native applications utilizing microservices architecture for scalability and resiliency.
- **Migration Services:** Conducting assessments and planning for a seamless migration of IT landscapes to the cloud.
- **Cloud Integration:** Integrating cloud services with existing systems and ensuring data synchronization.
- **Cloud Security and Compliance:** Implementing robust security protocols and managing compliance.

- **Continuous Management and Optimization:** Ongoing cloud management services, including optimization for evolving business needs. Providing continuous technical support and ensuring maintenance for security and compliance.
- **Disaster Recovery and Business Continuity:** Safeguarding operations with disaster recovery and continuity planning.

• Why IT Factory?

- **Proven Expertise:** With extensive experience in cloud services, we have a track record of successful implementations across various industries, helping businesses achieve their goals through innovative cloud solutions.
- **Innovative Solutions:** We offer cutting-edge solutions in cloud infrastructure, security, and application development, driving business growth and enabling you to stay ahead of the competition.
- **Tailored Services:** We understand that every business is unique, and we provide customized solutions that align with your specific business objectives and meet your needs.
- **Comprehensive Support:** With a global presence and 24/7 support, we ensure that your cloud environments are secure, optimized, and ready to support your business at all times.

Benefits

- Faster implementation of business and regulatory changes
- Lower cost and risk of the maintenance and upgrading (installing changes)
- Better control on potentially unsupported hardware and software
- Extended SLA time for customers due to non-real-time architecture
- Taking care of the non-availability of experts in the legacy field
- Controlling of expenses, resulting in the higher Return On Investment (ROI)





IT FACTORY



ARE YOU INTERESTED IN COLLABORATION?

Feel free to reach out to us, explore further details about our offerings, and arrange a consultation at your convenience.



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