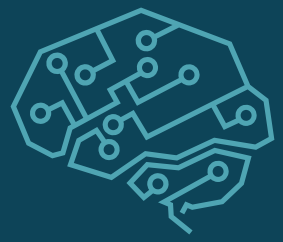
COMPANY PORTFOLIO



BRAINEERING
IT SOLUTIONS

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OUR VISION

is to be a synonym for the intelligent IT solutions

What we do

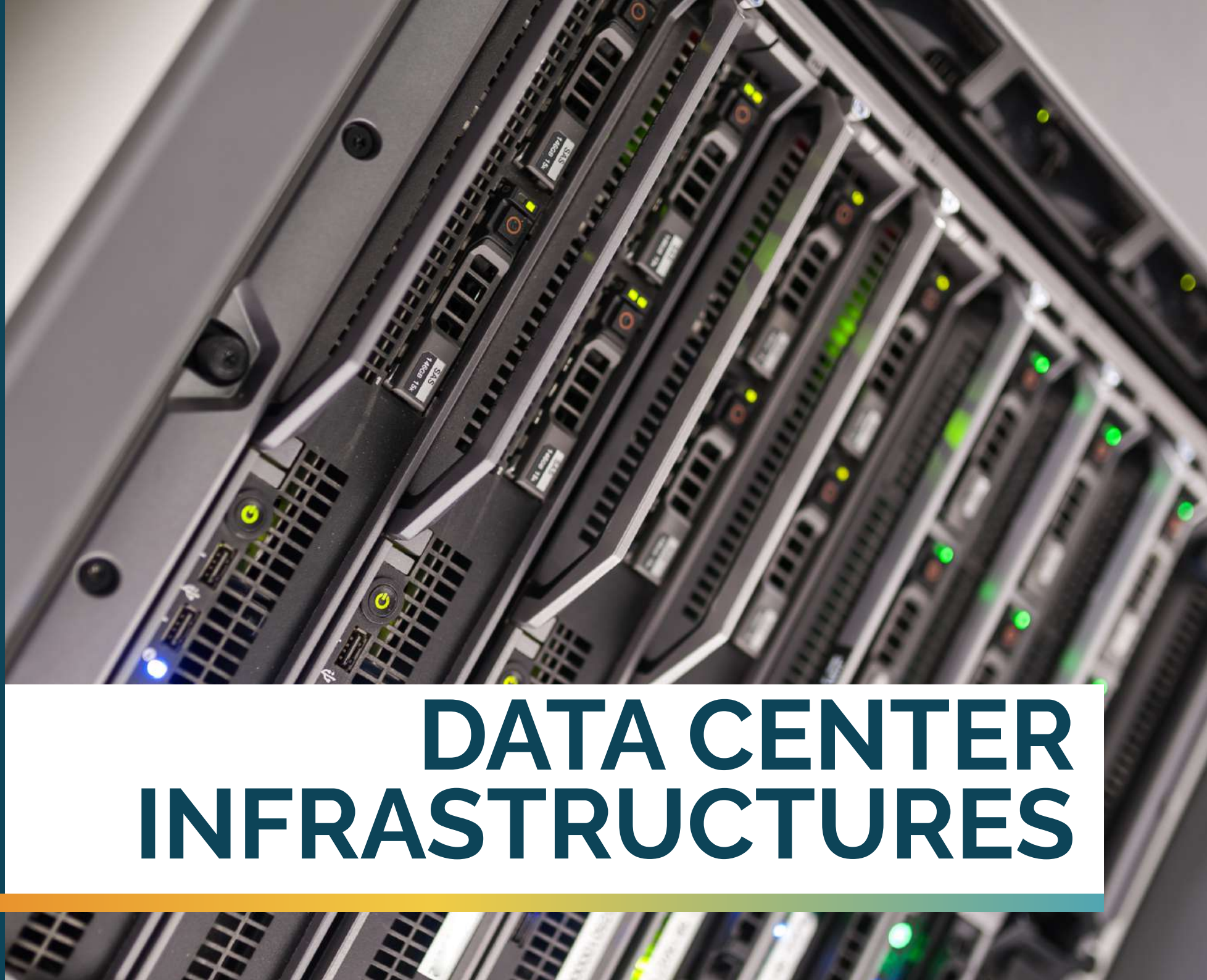
Make every business excel in their digital world.

What we stand for

Facing our challenges intelligently, being fast and precise.Encouraging our engineers and employees to think fast and to resolve every issue with creativity.

What is our job

Being every a little bit better, making today'sjob redundant in the future



DATA CENTER INFRASTRUCTURES

Software Defined Data Center - SDDC

Define your data center through software, rather than hardware. We exchange traditional infrastructures with modern software for elegance and efficiency. Implement an integrated software stack that bundles your virtual storage and virtual network and security software into a single-platform, that enables centralized management.

An administrator can provision an application immediately without having to wait for network or storage, making his job easier than ever.

Hyper Converged Infrastructures - HCI

The story of defining your data center with software leads to HCI. Converge all elements of conventional “hardware-defined” systems.

Control your infrastructure through virtualized software hypervisor, as well asvirtualized storage and networking.

Every bit of your hardware is converged in one vendor’s box, practical easy scaling appliance serving one purpose, and thus your business.

- No more relying on different compute and storage systems
- Management further simplified
- Increased utilization rates
- Reduce complexity
- Increase scalability

Microservices - Containers

Run isolated virtualized operating systems on one single server or OS. Sharing host OS kernel, binaries and libraries, that are read-only, makes containers exceptionally “light” - these are only megabytes in size and take just a second to start.

- Sharing a common operating system, only that system needs care and feeding
- Fewer management points
- Higher fault domain
- Lighter weight and more portable VMs

HPC / ML / AI

High Performance Computing

Aggregate your computing power specifically to deliver much higher performance and solve any problem your bussines or enterprise have, no matter the size or complexity

Machine Learning

Apply your AI systems so that the system can automatically learn without being explicitly programmed. Develop computer logical programs that can accessany data and use it to learn for themselves.

Artificial Intelligence

These technologies build machine understanding, enable systems to mimic human understanding and respond to changes in data to benefit the business.

DATA SERVICES

Storage Systems

We provide value-add data center solutions to help you design, deploy and manage every type of data center infrastructure equipment, that support very high densities,low latency, and are flexible, compatible and scalable.

- Market-leading SAS HBA, RAID, and NVMe controllers
- Agnostic fabric solutions enabling high-density connectivity for SAS/SATA
- PCIe/NVMe, and Ethernet/IP media types

Archiving

Retent and preserve your data long-term. Preserve your content, prevent or track alterations and access your data in the most efficient way possible.This process is policy-driven, and policies are set according to regulations, to ensuremaintenance of data for analysis, value generation, history, or compliance.

- Archiving as a part of a broader data management view
- Establish retention periods and disposition policies for all important information
- Simplified data management
- Simplified backup and disaster recovery operations

BUSINESS CONTINUITY

Backup

Protect your enterprise from the effects of significant disasters or system crashes. Protect your data by backing it up, using cloud technologies, or automate your backup using mirrors. We use failback or failover systems that automatically switch the destination of data when a primary destination is negatively affected in any way.

- Protect the organization's operations from cyberattacks, equipment failures and natural disasters
- We plan, test, and secure your data in separate physical sites for you
- Enterprise-grade fully automated, scalable and flexible
- Real-time monitoring built to meet all of our customer's exact requirements

Disaster recovery - DR

Quickly resume all mission-critical functions, after a disaster. We implement optimal disaster recovery strategies, technologies, and procedures based on your RTO and RPO, step by step for responding to unplanned incidents in your IT infrastructure.

- High availability low downtime
- Recover your data at the age you desire, and set recovery time as low as you need it
- Be unaware of your system failure with our DR solutions

Metro Cluster Solutions

Use our array-based, active-active clustered solution and successfully eliminateneed for complex failover scripts, server reboots, or application restarts, providing an additional layer of protection for the entire storage and host environment.

With its utmost flexibility, it integrates seamlessly into any environment with support for mixed protocols.

- SAN and NAS host support
- Zero RPO and near-zero RTO
- Mirror only what you need
- Data efficiencies include deduplication, compression, and compaction

ADVANCED NETWORKING AND SECURITY

Next Generation Firewall

Implement third generation firewall technology in either hardware or software to detect and block sophisticated attacks, by enforcing security policies at the application, port and protocol levels. NGFW bring additional context to the firewall's decision-making process, ability to understand the details of the web application traffic passing through it, thus reducing vulnerabilities.

- Application awareness
- Integrated intrusion prevention systems (IPS)
- Identity awareness - user and group control
- Ability to use external intelligence sources
- SSL and SSH inspection
- Deep-packet inspection
- Reputation-based malware detection
- Application awareness
- Application-level inspection

Web Application Firewall - WAF

We provide solutions that filter, monitor and block HTTP/S traffic to and from a web application to protect against malicious attempts to compromise the system or exfiltrate data..

- Prevent cross-site scripting - XSS, SQL injection, and cookie poisoning
- Industry standard in application security
- Contain policies customized for an application or set of applications
- Proxies generally protect clients, WAFs protect servers

Microsegmentation

We provide solutions for creating secure zones in data centers and cloud deployments allowing companies to isolate workloads from one another and secure them individually.

- Protect individual workloads for greater attack resistance
- More fine-grained segmentation
- Gives greater control over lateral communication that occurs between servers
- Decrease the network attack surface
- Done in software, which makes it easier to define fine-grained segments
- Centralizes network segmentation policy and reduce the number of firewall rules needed

Data Center Networking

We design and implement entire physical and network - based infrastructure to provide cutting edge networking within your data center.Stable, secure and reliable, in line with the industry regulations, that meets enterprise, organization, customer, and individual user's needs.

We support networking requirements for modern technologies such as cloud computing and virtualization.

Software Defined Networking - SDN

Fulfill any role served by stand-alone physical appliances through software.The goal of our virtualized networking is to enable cloud computing and also to enable network engineers and administrators to respond quickly to changing business requirements via a centralized control console.

In addition make the network more flexible and agile to support the virtualized server and storage infrastructure of the modern data center.

- Holistic enterprise network management
- Centralized network provisioning
- Hardware savings and reduced capital expenditures
- Lower operating costs
- More granular security
- Cloud abstraction
- Guaranteed content delivery

DIGITAL WORKSPACE

Mobility

We deliver an enterprise mobility management (EMM) software platform that enables an administrator to deploy and manage mobile devices, applications and data. EMM software's purpose is to secure corporate applications and datathat is accessible from any device on any network, making your business mobile and portable.

- Mobile device endpoint security
- Enterprise data loss prevention and mitigation
- Mobile content management
- Reduced technology overhead
- System and cloud integration as well as greater portability
- Accurate data capturing and rapid availability
- Paperless workflow and boosting user satisfaction
- Efficiency and cost and time savings

Virtual Desktop Infrastructures - VDI

We provide solutions for hosting operating systems on a centralizes server in a data center. Each virtual desktop includes an operating system image, of any vendor required. VDI facilitates secure and convenient remote access that helps boost employee productivity.

Furthermore, it enables a consistent experience across multiple devices..

- Cost savings and lower hardware requirements
- Improved security and centralization
- Secure and straightforward access to multiple types of applications
- Serves today's increasingly mobile and remote teams.

Cloud Security

State-of-the-art solutions for cloud-based data, applications and infrastructures. Cloud environments are highly connected, making it easier for traffic to bypass traditional perimeter defenses. Preventing unauthorized access in the cloud requires shifting to a data-centric approach. Encrypt the data, and strengthen the authorization process.

- Centralizes enterprise security
- Reduced costs of the safety of your data
- Simplified administration
- Utmost reliability

Zero Trust Security

Eliminate the concept of trust from an organization's network architecture.Protect modern digital environments by leveraging network segmentation, preventing lateral movement, providing Layer 7 threat prevention, and simplifying granular user-access control.

- Protect your customers' data — and your business
- Reduce time to breach detection — and gain visibility into your enterprise traffic
- Reduce the complexity of the security stack
- Deliver both security and an excellent end-user experience

IT DELIVERY AND SERVICES

IT Services

Providing services such as implementing high tear enterprise hardware andsoftware, designing your infrastructure, monitoring it for prolonged usage and profound security, manage configuration, and support implemented infrastructure.

- End to end services
- 24-hour support
- Responsive, highly trained, and responsible professionals

IT Delivery

We deliver and implement hardware and software from various vendors, that we have a partnership with, assuring to get the best prices for our clients and users.

Through us, you can get ahold of any hardware or software or whatever information technology you need, in one place.

- End to end delivery
- High variety of vendors
- Best price for quality ratio

BeCloud

What is BeCloud

BeCloud is a project that evolved from our ambition to provide the best IT infrastructural services on our market. Gathering our engineering experience we wondered what is the best solution for that.

The answer is cloud computing!

This state of the art concept is all about delivering hosted services over the internetfor the advancement of your business end for employers productivity.

It encompasses but is not limited to

Infrastructure-as-a-Service (IaaS)

Use allocated virtual server instances and storage, and APIs

Platform-as-a-Service (PaaS)

use allocated development tools hosted just for you, and also host your software after it's developed.

Software-as-a-Service (SaaS)

Get the software you desire over the internet. Use any web service on acomputer or mobile device that has internet access.

How to use BeCloud

These services are sold on demand, typically by the minute or the hour.

They are also elastic - a user can have as much or as little of a service as they want at any given time and are fully managed by Braineering.

In the end, you need nothing but a personal computer and Internet access.

More from cloud computing

Significant innovations in virtualization and distributed computing, enabled us to deliver state of the art enterprise cloud services, backup and disaster recovery in the cloud, and also public and private cloud support.

The goal of BeCloud is to provide easy and scalable access to computing resources and IT services.

TRAINING COURSES

Learn what we know

Doing high-end data center infrastructure designing, and tackling variousenterprise IT challenges and problems, our engineers acquired a lot of experienceand excellence. If you want to do it all by yourself, we can teach you!

Your engineers, or IT experts, can become well educated in any area of expertise that we have, by enrolling in any training course of ours.

We can teach you what we do!

- Customizable and vendor-agnostic educational programs
- Special knowledge based on our specific experience
- Smaller groups and working with individuals

We provide the best official courses

If you need some official course, or want to hear new IT practices from most prominent IT experts all around the world, we use our connections and partnerships to provide the best education for all IT vendors on the market.

- Various vendors in one place
- Training consulting
- Best price for quality ratio

CONSULTING

CONSULTING

Get the best advice

If your IT team have ever been in a dead-end solving a problem related to yourIT infrastructure, or any digital device that you have, or you don't have any kind of computing infrastructure in your business, or have a new and creative idea of how computers or any digital device can serve a new role in helping your businessor life in general, feel free to ask us.

Our consulting expertise varies and covers a lot of fields.

We can help you solve problems or understand the technology that you or your business needs.

operation == "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
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mirror_mod.use_y = False
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selection at the end -add
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BrainOps

Developing intelligent software

The newly generated project of Braineering IT Solutions, that embodies our ambition to become a synonym for intelligent IT solutions.
BrainOps is all about researching and developing the best IT practices and solutions for every need our users have.
We use all above explained experience and knowledge to develop solutions applicable to technology we already work with, and more.

System software development

Experience with next-generation data center infrastructures as well as traditional infrastructures, brought to us awareness that no matter how system software is developed at this point in time, there is always something that can be improved. With our expertise we hope to develop intelligent solutions for enterprise system software, bringing data center infrastructures to next level.

Custom software that suits your needs

We develop software for custom purposes, that suit our user's special needs.
Your business model is in the first place.
BrainOps tries to understand how you work and where are your businesses pain points are, to ensure creation and implementation of software solutions that work for your business, not another way around.

PARTNERS

NetApp
vmware
DELL
WEKA
PURESTORAGE
NVIDIA
VEEAM
ARISTA
CISCO
NUTANIX
COHESITY
FORCEPOINT
hp
Check Point
SOFTWARE TECHNOLOGIES LTD.
paloalto
NETWORKS
VERITAS
f5
Centrify
PRTG
NETWORK
MONITOR
SUPERMICRO
Barracuda
DDN
AI · BIG DATA · HPC
FUJITSU
Runecast
McAfee
Together is power.
HUAWEI
DEVICE42
Lenovo

CLIENTS

Direct partner

Engaged as a VMware PSO

BRAINEERING
IT SOLUTIONS

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