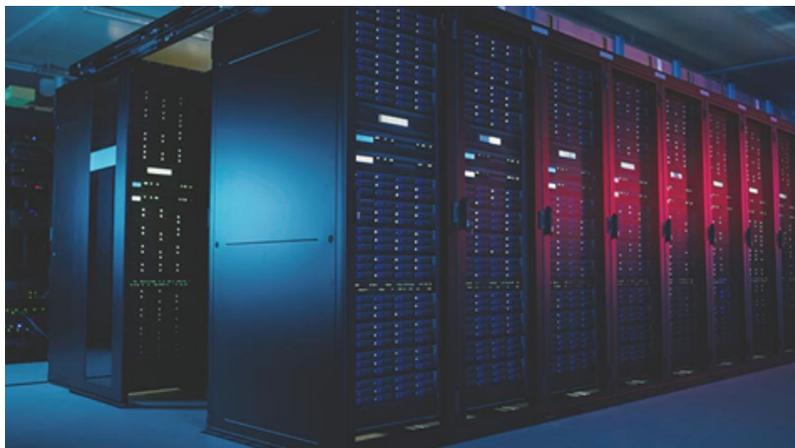## Data Center

A data center is a physical room, building or facility that houses IT infrastructure for building, running and delivering applications and services. It also stores and manages the data associated with those applications and services.

Data centers started out as privately owned, tightly controlled on-premises facilities housing traditional IT infrastructure for the exclusive use of one company. Recently, they've evolved into remote facilities or networks of facilities owned by cloud service providers (CSPs). These CSP data centers house virtualized IT infrastructure for the shared use of multiple companies and customers. At MaximAlert, we have several different ways to provide value to our clients when it comes to Datacenter services.

• Integrate various hardware and software components within a data center environment: We ensure that servers, storage devices, networking equipment, and software applications work seamlessly to meet your organization's specific needs. Our services minimize compatibility issues, reduces downtime, and enhances the data center's overall performance.

• Help with system optimization and scalability: We assess the data center's current state, identify bottlenecks or inefficiencies, and propose solutions to improve resource utilization. This includes implementing virtualization strategies, load balancing, and cloud integration, enabling data centers to scale up or down as demand fluctuates.

• Assist in data center migration and relocation projects: We can help you plan and execute the seamless transition of data and applications from one data center to another, minimizing disruptions and risks associated with such complex tasks.

Solutions:

Hybrid Datacenters: We make design, deployment, and management of modern IT infrastructures less complicated. We can help with the right mix of cloud and on premises IT infrastructure.

We can help you build new datacenters, refresh or migrate your existing datacenters. We are aligned with the best vendors in the compute, storage and virtualization space. We work with leading CSPs and vendors in the virtual, hybrid, cloud and edge technologies.

Hyper-converged infrastructure: We help our customers in combining on-premises, edge, and hybrid/multi-cloud environments into a single high-performance infrastructure.

With hyperconverged infrastructure, your data center can achieve the flexibility and scalability needed to support both current and future business needs through rapid reconfiguration and provisioning that minimizes resource consumption and cost.

We can help streamline your IT environment with hyperconverged infrastructure (HCI) that integrates multiple technology layers into a single platform and user interface. You'll no longer need dedicated specialists for each layer, resulting in greater productivity for your IT team.

With HCI, you can eliminate guesswork and overspending by utilizing recommendation engines and scaling resources in precise increments

We can partner with your teams to evaluate HCI solutions with a new BCDR model that enables you to run and protect applications at any scale with multiple integrated security layers.

Data Storage and Protection: Accelerated digital transformations and rising cyber threats are impacting organizations across industries. Consequently, having robust, flexible data storage and protection infrastructure has never been more crucial. At MaximAlert, we can design, build, deploy, and manage a custom solution for your data. With our vendor agnostic business model, we offer next-generation technologies and services that simplify how your teams consume and interact with data, so you can proactively solve for what's next.

We understand the importance of your business data. That's why our certified experts work with you to simplify the process of building and managing a modern, secure, and cost-efficient data storage infrastructure.

Our solutions can secure applications across multiple environments, safeguarding your data from both internal and external threats.

Our data storage and protection solutions simplify data storage management and reduce the burden on your teams.

Backup and Recovery solutions: MaximAlert helps your organization assess your current backup environment, identifying on-premises, hybrid, and public cloud options for your data consolidation efforts. With capabilities like full image recovery and virtualization, automated recovery testing, and quick file restoration, your data environment will be as consistent as your new peace of mind.

We offers a broad range of choices when it comes to data backup and recovery. We deliver a seamless experience leveraging cloud, edge-related technologies, and DRaaS solutions that can:

• Radically streamline your data.

• Eliminate silos and data complexity.

• Lead to better infrastructure management.

• Scale your data requirements.

• Mitigate data gaps and platform vulnerabilities.

• Improve productivity and performance.

• Save valuable time and money.

Designing a disaster recovery plan that prioritizes business workloads is a critical part of the data backup and recovery process. We can partner with you to:

• Customize a comprehensive recovery plan.

• Evaluate your deployment options.

• Identify key data resources.

• Enable access to your data whenever you need it.