Manufacturing & Secure Hybrid Cloud Solutions:

Innovative Manufacturing Solutions with Hybrid Cloud

"Man minus the Machine is a slave; Man plus the Machine is a freeman." – Henry Ford

Challenges

- Cybersecurity over large attack surface
- Lack of cloud strategy
- No visibility into Network
- Resistance to new technologies
- Disparate Systems/No standardization
- BandAids & duct tape holding infrastructure together
- Integrating new technologies
- Inefficient customer service systems
- Lack of skilled IT professionals
- Capex expense of hardware

Solutions

- Integrated, responsive cybersecurity
- Network Total Care
- Data backup and recovery
- Unified Endpoint Management
- Governance & policy enforcement
- IT Asset Management
- Server Total Care
- Remote work capabilities & oversight

Benefits

- Innovate faster to meet business expansion
- Free up IT teams for higher-value work
- Process and organizational governance to align business strategy
- Enterprise level security controls
- Resiliency through distributed assets
- Infinitely scalable computing capabilities
- Competitive edge in the market
- Lower operational costs
- Gain network & systems visibility
- Centralized management of Cloud infrastructure, orchestration & security.
- Managed solutions instead of tech ownership

As the manufacturing industry navigates global disruptions, it must also respond to daily challenges posed by customers, competitors, employees, shareholders, and government compliance. The mounting pressure on executives to keep up with industry trends, digitally transform, maintain operations through disruptions, and protect the enterprise from cyberattacks, often requires additional cloud-based IT resources.

Key drivers of cloud adoption are cost savings, increased visibility and centralized control of critical systems, networks, and data to achieve exceptional business results. Additional visibility will inform business decision-making and enhance the cybersecurity of critical systems and networks.

Hybrid Cloud offers optimal flexibility to remain competitive in the industry. The critical value of cloud adoption is to bridge the gap between disparate tools and data sources to allow greater speed, growth, and smart access controls to data and applications.

Challenges

With a cloud migration failure rate of 57%, some Executives are hesitant to deploy applications and data to the cloud. To avoid failure, manufactures must develop a solid cloud migration plan that includes strategic business planning, ITIL governance, standardized processes, and managed connectedness.

The cyberattack surface increases in direct proportion to increases in data volume, assets, and applications deployed. Investing in security systems and protocols is paramount to protecting facilities, production, and data. Last year, 61% of manufactures fell victim to cybersecurity incidents. To give a snapshot of ransomware related costs, Norsk Hydro spent between $90-110 million, and Meir Tobler spent $15.6 million to mitigate the fallout from ransomware attacks.

A lack of in-house skilled IT workers will significantly impact manufacturers' long-term ability to meet customer demand, implement new technologies, increase productivity, and maintain comprehensive IT oversight. A trusted MSP can help manufactures improve productivity, reporting, and visibility to support data-driven business decisions.

Solutions

TBConsulting offers centralized management of cloud infrastructure, cybersecurity, endpoints, data, and assets. We put the people, processes, and technology together to deliver structured strategy, implementation programs, and maintenance oversight. We use industry-leading technology and expert engineers to create a customized Hybrid Cloud portfolio for our manufacturing clients.

TBC's Security Monitoring service implements robust cybersecurity measures across the enterprise, drives actionable reporting, and provides detailed response protocols to mitigate alert fatigue. We offer 24/7/365 Security Monitoring defense.

TBC's Network and Server Total care services provide integrated management of applications, systems, workloads, servers, and networks to ensure resilient service delivery and to enforce uniform policy controls. We manage and support the infrastructure and applications needed to run the business. Data backup is the cornerstone of cybersecurity. The primary mission of IT is to protect the data. Our Backup as a Service (BaaS) offering delivers secure data backups with tested recoverability.

Unified Endpoint Management (UEM) is an essential element to enhancing remote work capabilities. UEM offers extensive oversight to fortify and protect endpoints. By centrally dispatching firmware updates, patches, and monitoring applications, UEM can blanket enterprise environments with governance and policy controls. IT Asset Management (ITAM) is our customized contract and asset lifecycle management offering using the ServiceNow platform to track each stage of the asset lifecycle, from procurement to decommissioning.

Benefits

Under pressure to digitally evolve, many Executives turn to Managed Service Providers (MSPs) for IT advice, expertise, and ultimately, to engage a high-trust partner to share the burden of responsible data ownership and to manage cloud infrastructure.

With a Hybrid Cloud portfolio, manufactures can capitalize on faster innovation, lower operational costs, increased scalability, resiliency, and scalable computing capabilities. TBC's centralized management of cloud infrastructure, orchestration, and cybersecurity can mature your strategic initiatives and give manufactures processes and organizational governance to align business strategy with IT infrastructure.

IT is about delivery. If you want to deliver exceptional service and products to the market, you need to innovate by consuming cloud services at scale, gaining visibility into your networks and systems, and have more pivotability to respond to changing consumer demands. TBC's Hybrid Cloud solutions can help you align your business strategy with the people, processes, and technology to maximize resources and stay competitive in the market.