



IoT.nxt
bridging the edge

Data Center Solution.



If your data center could talk, what would it say? Achieve optimal, affordable and effective operational synergy with IoT.nxt's market-changing IoT solutions. Resolve your business challenges through our world-class innovation which allows your sites to communicate clearly to you, from anywhere, globally.

Business challenges

Implementation of Industry 4.0 demands the agile digitalization of every corner of an ecosystem, particularly data and server centers. Because they store vital and relevant information, data and server centers require a firewall of smart monitoring, security and active storage. Equipped with standard monitoring and alarm systems, there is a wide gap between current systems and smart digitalization.

Inefficiencies persist in real-time event monitoring, anomaly prediction and cost-draining manually-driven protocols, as well as legacy storage and security solutions. This makes legacy data and server centers ripe for a smart, active management solution.

The IoT.nxt® solution

- Deployed Virtual Engineer based self-healing systems, no manual human intervention required.
- No disruption to existing tools and processes.
- A drastic cost reduction in data center operations through efficiency improvements.
- Increased performance with reduced MTTR, downtime and proactive resolution.
- Deployed machine learning capabilities to provide better insights to RCA and drastically reduce severe incidents with accurate prediction of future failures.
- Mobile Live dashboards and notifications allow control and retrieval of KPIs or audit records.

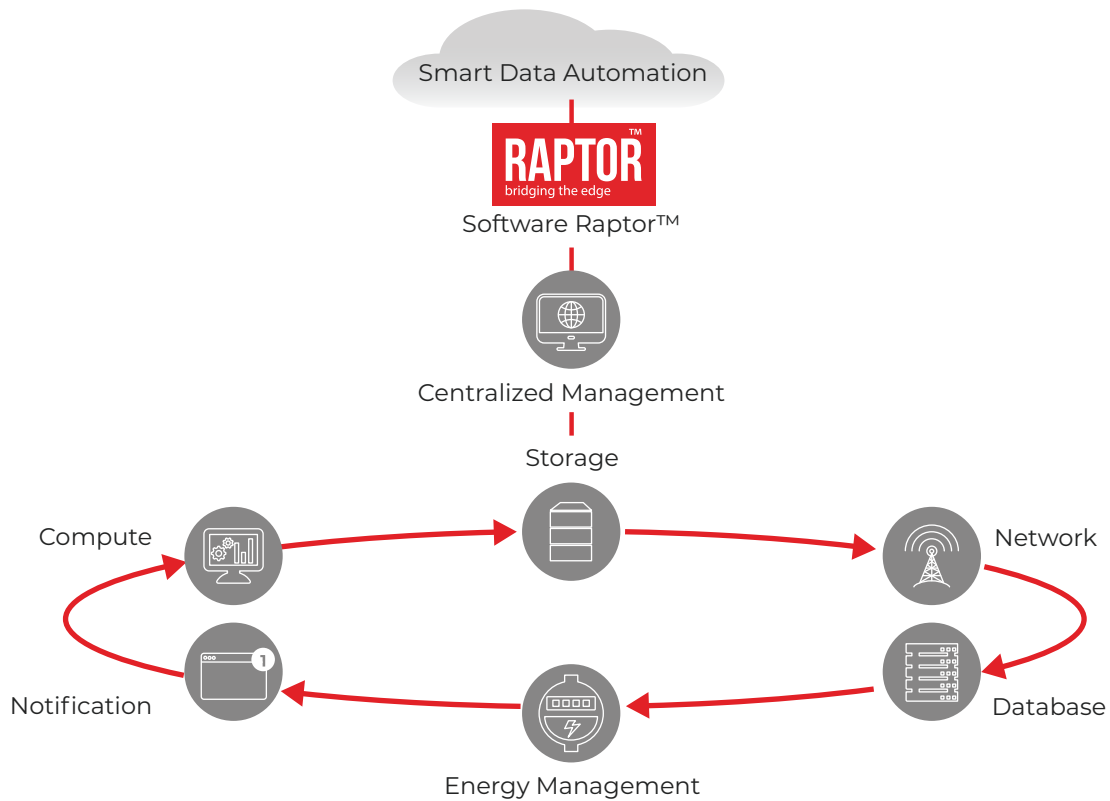
Eco-system overview



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Optimizing your business eco-system needn't be complicated.



Solution benefits

Our integrated smart data center solution leverages energy management, data center automation, and active storage to achieve a digitalized, smart ecosystem. Improving energy asset performance, implementing a self-healing system design and compressing data for active usage are just some of the benefits of our smart data center solution. Smart monitoring and collection of actionable data from the edge leverages our Raptor™ to command systems to avoid previously unpredictable instances and ultimately, achieving system self-rectification.

- Rule based filtering which removes false positive alerts with focus and timely remediation of issues.
- Drastic reduction in the cost of data center operations with no human intervention.
- Self-learning with AI analytics which allows event correlation of infrastructure events, with various business events and accurate prediction of future failures as well as root cause analysis.
- Live dashboards with replay features which allow auditing of self-healing actions with KPI metrics, risk analytics and cost saving metrics.
- Proprietary cloud Storage algorithms with replayable events, which allow for cost and storage reduction.
- Highly scalable platform with easy drag and drop features, which allows to deploy self-healing actions and workflows rapidly.

What makes our offer unique?



Rapid digitization



Intelligent filtering of data at the edge



Real-time in-shift optimization of operations



Integration of analog and digital, legacy and new devices



Quick implementation with no disruption, retrofitting our technology to create interoperability between new and legacy infrastructure and equipment



Consolidation of business-wide processes and data



Remote monitoring and management of businesses

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