

A decorative graphic in the top left corner consisting of three overlapping squares: a yellow one on top, a green one on the left, and a blue one on the right.

## How WISdom Enables Technical Teams

In today's fast-paced technology landscape, innovation comes at the cost of complexity. Technical teams struggle to make sense of the influx of monitoring and telemetry data produced by modern tools. Fortified WISdom takes a different approach – streamlining technology health through simplified Key Performance Indicators (KPIs) and providing tangible actions to improve system health.

WISdom is the ultimate database monitoring, management, and workload analytics tool. It is designed to empower teams with data-driven insights based on decades of database expertise scaling and optimizing systems. The focus in every enterprise should be on optimization to reduce the Total Cost of Ownership as troubleshooting within an enterprise typically makes up less than 5% of the time.

With WISdom, complexity gives way to simplicity as teams leverage WISdom's unique top-down analytical approach. Workload analytics across thousands of metrics allow WISdom to uncover optimization opportunities across the enterprise, not just on a server. The result is informed, data-driven decision making that transforms the way technical teams approach troubleshooting and enterprise optimization.

In the realm of technology, where innovation prevails, Fortified WISdom stands as a solution empowering technical teams with data-driven insights that will impact your enterprise technology KPIs.

**Actionable Insights** - The true power of Fortified WISdom lies in its ability to transform data into actionable insights. As the world's first tool to identify database issues and recommend solutions, WISdom goes beyond presenting statistics and charts. It leverages machine learning and near real-time findings to enable organizations to prioritize definitive steps that lead to optimal system health and performance. WISdom's insights empower teams to take a proactive approach that minimizes downtime, enhances efficiency, and drives better decision making. WISdom not only monitors databases and workloads but extracts actionable insights to elevate operations. With WISdom, organizations can measure progress through Key Performance Indicators and demonstrate the value and impact of efforts to stakeholders. WISdom equips teams with the wisdom to optimize systems and showcase results.

**Enterprise Visibility** - Fortified WISdom functions as a conduit, uniting developers, DBAs, and infrastructure teams within a collaborative ecosystem. Infrastructure teams converse in terms of virtual CPUs and memory allocation, developers express concepts through code, DBAs navigate the realm of SQL queries and data structures, and business leaders translate discussions into financial considerations. Recognizing the

diverse understanding within the enterprise, WISdom transforms data presentation to ensure clarity for all stakeholders, fostering meaningful conversations across the business. Through a centralized dashboard providing a comprehensive database environment overview, each team gains holistic insights. Developers, who often shape code impacting databases, grasp query-resource interactions. DBAs pinpoint performance bottlenecks, intricate SQL query issues, and resource-intensive processes. Infrastructure teams attain a broad server health perspective, enabling prompt action on potential limitations. With intuitive visualizations simplifying intricate data interpretation, metrics including CPU usage, memory consumption, and I/O rates are depicted in easily understandable graphs, charts, and scores. This transparency accelerates issue resolution and encourages a unified problem-solving approach.

**Faster Resolutions** - With a robust experience spanning over two decades in scaling and supporting mission-critical database systems, we possess a distinctive capability to assess database health within minutes. Harnessing the power of machine learning (ML), WISdom extends our expertise across thousands of servers, enabling the swift identification of issues or performance anomalies across the enterprise. This approach



empowers DBAs to pinpoint problematic processes and code swiftly, minimizing potential business disruptions. Furthermore, WISdom introduces an industry-first, normalized perspective on blocking and deadlock events, alleviating the deluge of noise from time series data. This enables both DBAs and developers to promptly identify and address the most impactful blocking and deadlock chains today which will have the biggest impact tomorrow. Whether grappling with high query response times, resource pressure, or workload anomalies, WISdom equips DBAs with pertinent information for swift action. By reducing the mean time for issue resolution, WISdom not only enhances operational efficiency but also reinforces the business's capacity for seamless service delivery.

**Unlocking Hidden Inefficiencies** - Identifying inefficiencies in code executions and data utilization across an organization can lead to significant performance and resource impacts. Often, key databases are replicated extensively, sometimes surpassing 20 instances within an

organization. This practice significantly inflates the Total Cost of Ownership (TCO) for data. On a larger scale, enterprises encounter duplicated execution of the same code across multiple environments, accompanied by extensive data replication—both of which impose considerable resource and financial burdens. Fortified WISdom introduces a groundbreaking approach driven by top-down analytics. By proactively pinpointing the most cost-intensive code and data, regardless of the server or database, Fortified WISdom empowers organizations, particularly SaaS providers, to focus on the highest Total Cost of Code or Data. This strategic insight facilitates targeted optimization initiatives that span the enterprise, presenting a unique opportunity to curtail resource consumption and enhance financial efficiency. Developers gain the ability to identify the most expensive code, which may run across thousands of databases. By optimizing a single piece of code, the impact can amplify across all 2000 instances, magnifying the benefits of optimization. This developer-propelled optimization cascade underscores WISdom's proficiency in leveraging data-driven insights for transformative efficiency improvements.

No longer should we blindly schedule code, jobs or maintenance processes at night or on the hour as most of us do. With WISdom, we gain the capability to assess real-time server capacity and health, enabling us to make data-driven decisions when adding or scheduling processes. This empowers us to identify periods when the system has optimal resources and health to process the request and over time, the workload will be more balanced. Based on our experiences, more than 50% of client processes are currently slated to initiate simultaneously, disrupting both business processes and negatively impacting the resource health. By utilizing WISdom's job analytics, we empower enterprises to balance the resource consumption over time, leading to reduced costs and increased system capacity.

**Start your free trial of WISdom today!**

Fortified WISdom is a tool created for database administrators responsible for the management and monitoring of their organization's databases. By starting today, you can begin to scale thousands of SQL Server instances, measure database KPIs, and troubleshoot issues faster.