



Monitor. Troubleshoot. Stay on Top.

The Problem

How might we improve the data monitoring experience within heterogeneous storage environments?

Addressing Fragmentation

Pulse seeks to simplify the data monitoring experience across heterogeneous storage environments. It explores ways to improve the existing workflow for storage administrators, which currently, is fragmented at best and requires multiple interfaces or customer interactions.

The Solution

Living Dashboard

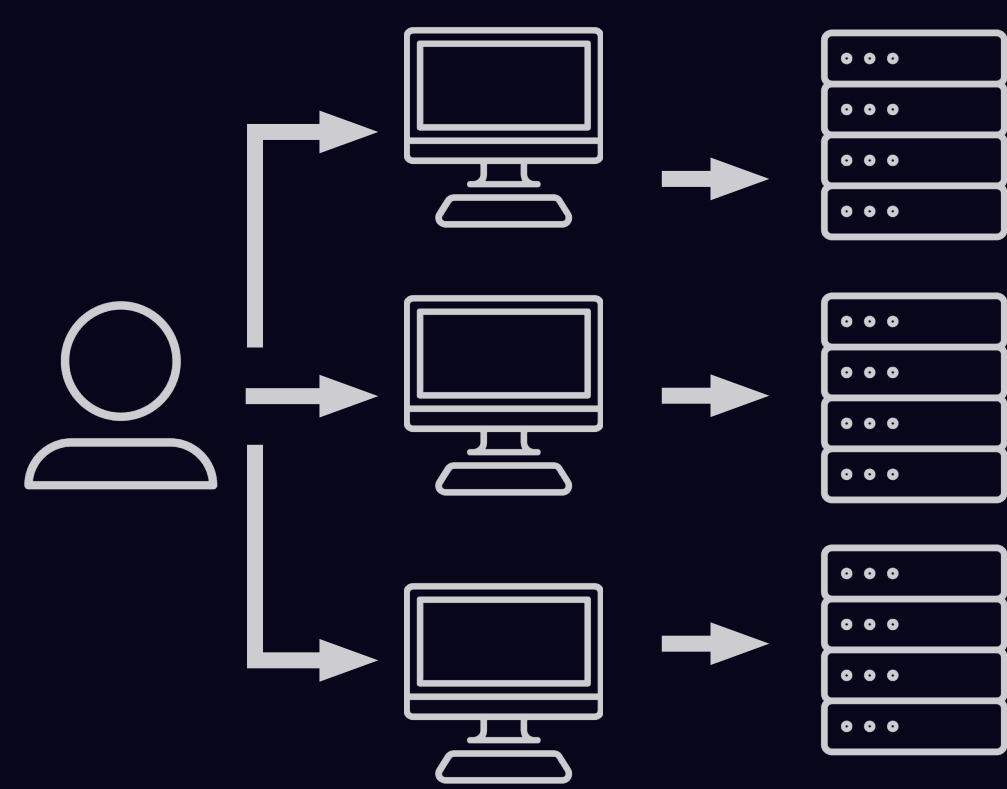
Pulse provides a comprehensive, single page view of your data storage systems and displays real time metrics, system events and errors. It also features built-in tools to connect with team members and communicate about troubleshooting.

Flexible Monitoring

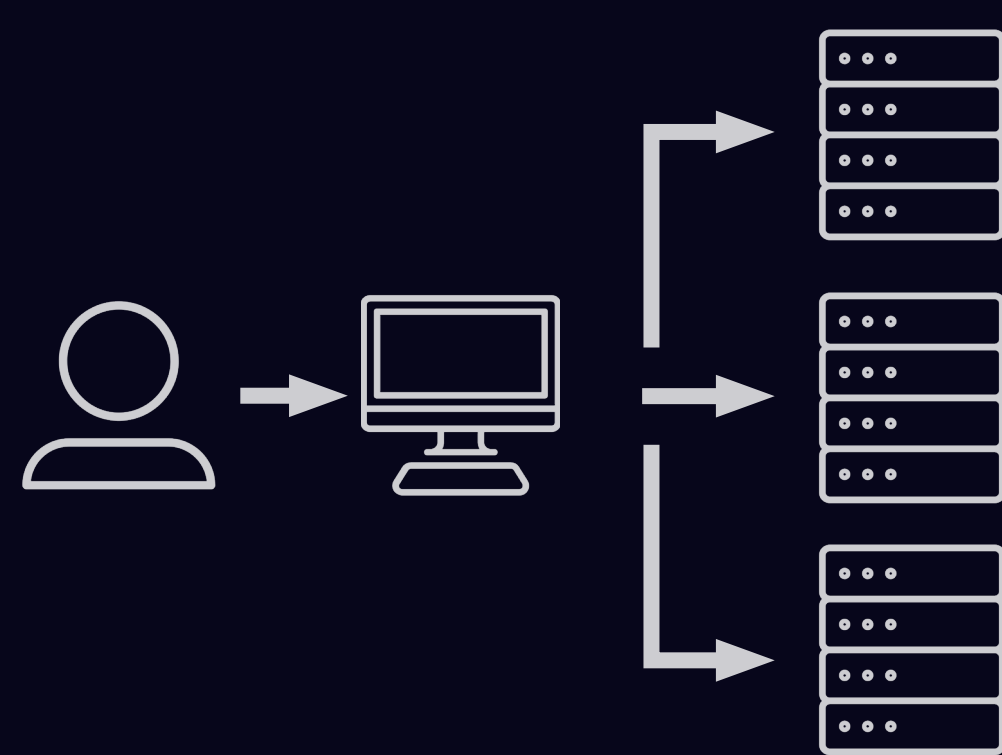
Built on a grid, Pulse uses a modular and pinnable system for its content to give users ultimate flexibility in its monitoring capabilities. From advanced, granular monitoring down to daily troubleshooting, Pulse has you covered.

Infinitely Scalable

Pulse was designed to grow with users needs by automatically adjusting, scaling, and grouping nodes and clusters to changing environments.



Existing systems



Pulse system

The Process

Research

Taxonomy + Problem

A complex industry drove a deep need to understand the problem and define terminology so that our project could be scaled appropriately.

Scenarios Concepts

User interviews revealed a diverse set of scenarios for monitoring storage health that we focused down to monitoring and troubleshooting issues.

Design

Feature Wireframes

Focusing our scope allowed us to narrow our ideas and explore feature ideas with a series of wireframes that underwent testing.

Proof of Concept

Testing uncovered insights that led to a high-fidelity prototype to showcase how a heterogeneous storage environment can exist within a scalable interface.



HCDE Human Centered Design & Engineering

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