

THE CONTINUITY BRIEF

ZERO-DOWNTIME CONTINUITY
OPERATIONAL RESILIENCE
BREACH TRACKER & SCOREBOARD

WHY IT MATTERS · LAUNCH ISSUE

Recovery was the wrong goal.

On April 28, ShelterZoom launched its Spare Tire platform and named a category: **zero-downtime continuity**. The idea breaks from backup and disaster recovery, which both assume the system fails and you race to restore it. Spare Tire keeps clinicians working when the EHR goes dark.

The timing is not abstract. In 2026 a ransomware attack closed all 35 University of Mississippi Medical Center clinics, and a separate attack put Brockton Hospital on paper for two weeks. The Breach Tracker below has both.

SOPHOS · 2024

67%

Of healthcare organizations were hit by ransomware in 2024, nearly double the 2021 rate of 34%.

SOPHOS, STATE OF RANSOMWARE IN HEALTHCARE 2024

THE NUMBERS · RANSOMWARE IN HEALTHCARE

Three more numbers behind the launch.

RECORDS

276.8M

Total US healthcare records breached in 2024.

HIPAA JOURNAL, 2024

DEATHS

42–67

Estimated Medicare patient deaths from ransomware, 2016–21.

NEPRASH, MCGLAVE, AND NIKPAY, AEJ: ECONOMIC POLICY

INSURANCE

47%

Of healthcare ransom payments covered by cyber insurance.

SOPHOS, VIA HIPAA JOURNAL

BREACH TRACKER · LATEST INCIDENT

All 35 clinics closed by end of day.

BREACH TRACKER

UMMC

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER · FEB 19, 2026

Mississippi's only academic medical center lost its Epic EHR, phone lines, and IT network to a ransomware attack. By end of day, **all 35 clinics across the state had closed**. Surgeries and elective procedures were canceled, chemotherapy patients were turned away, and clinicians fell back to pen and paper. The FBI surged resources into the investigation, and restoration ran for weeks.

SOURCES: UMMC PUBLIC STATEMENTS; FBI; PRESS REPORTING, FEBRUARY 2026.

THE SCOREBOARD · RECENT ATTACKS

ORGANIZATION	DATE	DOWNTIME	IMPACT
UMMC	FEB 2026	Weeks	Epic down; all 35 clinics closed
Brockton (Signature Healthcare)	APR 2026	~2 weeks	Anubis; paper charting; ambulances diverted
Ascension	MAY 2024	37 days EHR	~140 hospitals; 5.6M individuals affected
Kaiser Permanente	APR 2024	No EHR downtime	13.4M (tracking-pixel exposure)

SOURCES: HIPAA JOURNAL; FBI/CISA; SEC FILINGS; COMPANY DISCLOSURES; HHS OCR BREACH PORTAL.

Ascension's attack did not bypass world-class security. It exploited the universal failure mode. **When the primary system goes down, operations stop. Spare Tire is built so they don't.**

Paper collapsed within 24 hours.



Having lived through a 23-day ransomware outage at a previous organization, I can say the industry's reliance on paper downtime procedures is fundamentally broken. Within 24 hours, paper processes collapsed. It ultimately took us seven months to re-enter and reconcile that data. Zero-downtime continuity is not just an IT improvement, it's an operational and patient safety imperative.

JOHN GAEDE · CIO, SAN JUAN REGIONAL MEDICAL CENTER

Live at launch. Planned for AWS Marketplace.

SPARE TIRE HEALTHCARE

Separate cloud, HL7 integration.

Zero clinical downtime during EHR outages, running on a separate, independent cloud and integrated over HL7.

AWS

BAA-ready deployment for healthcare.

Spare Tire is planned for availability in AWS Marketplace, with BAA-ready deployment for healthcare. Hector Rodriguez, security leader for Healthcare and Life Sciences at AWS, is on record on the platform's continuity approach.

Four phases. Nothing goes to paper.

What it is. A lightweight clinical workspace that runs continuously on a separate, independent cloud, holding a synchronized slice of the data hospitals need to keep treating patients when the primary EHR is unreachable. Always running, always current, architecturally separated from the systems it protects. Spare Tire integrates with Epic, Oracle Cerner, MEDITECH, and any HL7-capable EHR.

01

PHASE 01

Normal operations

The primary EHR runs as usual. Spare Tire runs in parallel on its own cloud and syncs the last four weeks of patient data over HL7: active medications, allergies, ICD-10 diagnoses, recent vitals, care team, bed status. The sync is invisible during normal operation.

02

PHASE 02

Downtime hits

Ransomware, an outage, a vendor failure, or a planned upgrade makes the primary EHR unreachable. The independent cloud is unaffected, because it runs on different hardware, in a different network, with different credentials.

03

PHASE 03

Spare Tire active

Clinicians open a separate application on an IT-cleared device, on web or mobile. They view recent history, write notes, order and verify medications, record vitals, and manage beds. Every action is timestamped with a full audit trail.

04

PHASE 04

Recovery and sync

Before any record flows back, CyberVault validates the returning EHR data for ransomware signatures and corruption. Once the primary is confirmed clean, everything created during downtime syncs back automatically. No manual re-entry. The connection to the EHR is a read-only HL7 integration in normal operation. Lateral movement from a compromised hospital domain has nowhere to go.

Three reads on the pattern.

01

Why hospitals keep getting shut down.

A walk-through of the UMMC attack and the recurring downtime pattern.

ZENTERA, MARCH 2026

Read on Zentera →

02

Two weeks on paper.

Brockton Hospital's Anubis ransomware downtime, in detail.

HIPAA JOURNAL, APRIL 2026

Read on HIPAA Journal →

03

State of Ransomware 2024.

The 67% figure in full context, with payment and recovery data.

SOPHOS

Read on Sophos →

See Spare Tire in a 20-minute demo.

Walk through the four phases on your own EHR and downtime scenario.

Request a demo

sparetire.io/request-demo

Talk to us: info@sparetire.io