SPARE TIRE

ISSUE 03 · NOVEMBER 2026

The Continuity Brief.

Clinical continuity for healthcare IT and clinical leadership. Every figure names its source.

FROM THE CEO · THE MICROSOFT OUTAGE

Microsoft needs a Spare Tire.

The future of resilience is continuity: can you afford not to have a Spare Tire?

Another massive technology outage. This time, Microsoft.

From Microsoft 365 and cloud services to network routing, DNS and interconnected infrastructure, the disruption highlights just how fragile our technology-dependent world has become.

But there is a much bigger lesson here. What happens when the technology infrastructure that organizations depend on to respond to an incident, communicate, access critical information and execute disaster recovery is itself unavailable?

This is the fundamental gap in today's resilience strategies. Organizations have invested tens of millions to billions in cybersecurity, cloud infrastructure, backup and disaster recovery. Yet most remain heavily dependent on the same technology ecosystems they are trying to protect.

Recovery takes time. But operations, especially patient care, must continue. Continuity is far more critical than recovery as the world wakes up to the reality of downtime.

Spare Tire is pioneering Clinical Continuity during outages.

Healthcare IT downtime is becoming a massive and increasingly urgent problem. Hospitals and clinics cannot afford to lose access to critical clinical information and workflows when their Electronic Health Record (EHR) systems go down, whether due to ransomware, cyberattacks, infrastructure failures, cloud outages or planned maintenance.

Spare Tire is pioneering a new mission-critical, life-saving technology category: **Clinical Continuity.** Unlike traditional backup and disaster recovery solutions that focus on restoring systems after an incident, Spare Tire is purpose-built to **keep clinical operations digitally available during the outage itself**. It provides an **independent continuity layer**, separated from the hospital's primary EHR technology stack and normal hosting environment.

The market need is surging.

We are witnessing a significant surge in hospital engagements with Spare Tire as vulnerabilities exposing critical healthcare infrastructure become increasingly apparent. PHP vulnerabilities, emerging AI-driven threats, cyberattacks and the accelerating pace of security patches are reinforcing the urgency for hospitals to rethink their downtime preparedness.

Notably, **two hospitals impacted by PHP attacks were already Spare Tire prospects**. One has since met with us, **immediately moved into a POC** and expects to start implementation in December.

The message from the market is becoming increasingly clear: **hospitals need more than recovery plans**. They need a way to continue delivering care while their primary systems are unavailable.

Clinicians love Spare Tire.

One of the most encouraging pieces of feedback we consistently receive is from the clinicians themselves. They love Spare Tire and find it extremely intuitive, **requiring virtually no training**. That matters. During an emergency, clinicians should not have to learn complicated new systems.

1-Click POC: deployment in minutes.

Our 1-Click POC deploys a fully functional Spare Tire proof-of-concept environment in **approximately 30 minutes**, removing much of the traditional friction of a hospital evaluation. We have also launched our **Emergency Department workflow** this month, further expanding the clinical use cases for Spare Tire.

The future of resilience is continuity.

No technology provider, cloud platform or enterprise infrastructure is immune to disruption. The question is no longer whether another major outage will happen. It is whether organizations will be prepared to continue operating when it does. For hospitals, this is about patient safety and the uninterrupted delivery of care. For businesses, it is about operational survival.

70+

Countries and territories reporting Microsoft 365 problems

London999, 13 Nov 2026

~130K

Outlook problem reports in the US at the peak

Downdetector, via London999

11

NHS trusts in south-east England reporting disruption

BBC News, 13 Nov 2026

> **"Every hospital needs a Spare Tire. So do Microsoft, AWS, Google, Oracle and everyone else. Because when your technology goes down, your operations should not have to go down with it."**
>
> CHAO CHENG-SHORLAND · CEO & CO-FOUNDER, SPARE TIRE CORP.

The handoffs keep moving when the network doesn't.

When EHR and Microsoft go down, the handoffs between people break first. Here's what this autumn's releases mean for the people doing them.

12 NOV
ST-1840

Admission, transfer and discharge orders.

Patient flow doesn't freeze when the EHR does. Physicians order an admission, transfer or discharge in Spare Tire, and the moment it's signed the EMR knows the move is pending. Nobody has to chase that move by phone or on a paper slip. When the move is recorded, the order closes itself, so there are fewer loose ends to reconcile after systems return.

6 NOV
ED workflow

Triage in the Emergency Department workflow.

The ED keeps sorting patients by acuity when the EHR is dark. Triage nurses assign an ESI level and capture the chief complaint and allergies in a structured form, and the result reaches the EHR as an ADT update. It doesn't sit on paper waiting to be re-keyed. IT can grant Triage access as its own permission.

14 SEP
ST-1615

Clinical note cosignature.

Residents and advanced practice providers keep documenting during downtime, and the attending's countersignature is captured in Spare Tire instead of on paper. Every step goes to the EHR as a standard HL7 document message, so the signed note is complete when systems come back.

16 SEP
Demographics

Patient phone and email sync both ways.

Staff can reach patients and guarantors with current contact details during downtime, and any update made in Spare Tire lands in the EMR instead of on a sticky note.

CLINICAL WORKFLOW

Flowsheet with Intake / Output. Nurses keep vitals and fluid balance current at the bedside, and every correction to a signed value leaves an audit trail. *Showcase release: not yet exchanged with the EMR.*

IV and weight-based medication details. Physicians see the last filed weight without leaving the order, and nurses read the medication before the order details in the MAR. Values are stored as entered; Spare Tire does not calculate doses.

Working location and scoped lists. Nurses open straight to their own unit's patients, orders and beds instead of filtering a hospital-wide list in the middle of an outage.

Clearer location display. Charge nurses read discharges and bed status at a glance, including on a phone.

ADMINISTRATION AND SECURITY

System logs and observability. When something breaks, engineers trace a single HL7 message to the exact service where it failed, so fixes come faster. These logs carry no patient data.

Activity Log export to CSV. Compliance teams pull downtime activity for audit without a support ticket. Every export is itself logged, and files expire after three days.

Required MRN. Every patient carries the MRN as its own field, with other identifiers stored alongside, so staff work from the same number the EMR uses.

Find out what your downtime looks like.

Start a free 1-Click POC and put Spare Tire in front of your teams this week.

Get your 1-Click POC today →

SOURCES
Outage figures: London999, "Microsoft outage hits UK police, NHS and schools," 13 Nov 2026 (country count; Downdetector US Outlook reports). NHS trusts: BBC News, "Microsoft outage hits South East NHS trusts and councils," 13 Nov 2026. CEO commentary: Chao Cheng-Shorland, Spare Tire Corp.. Product details: Spare Tire release notes, Sep to Nov 2026.