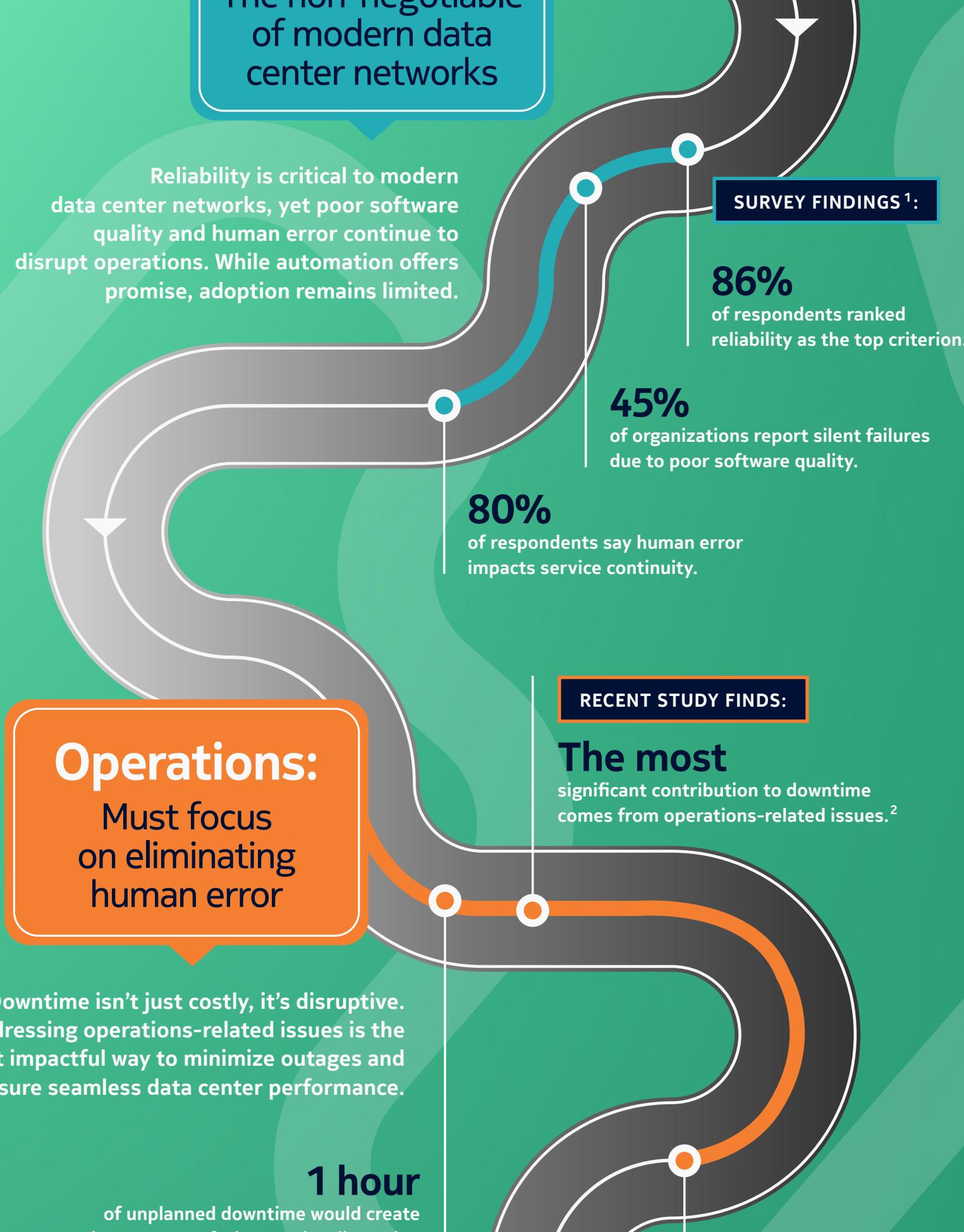


# Navigating the path to 5-Nines for data center networks

# 99.999%

## Charting the journey to unmatched reliability with Nokia

In today's data center networks, the journey to reliability is more critical than ever. Recent studies and customer insights reveal that achieving reliability isn't just about hardware alone – it's about software and optimizing operations. With human error a persistent challenge, modern operations tools enhanced by AIOps are emerging as a key solution in the journey to 5-Nines reliability.



1 hour of unplanned downtime would create a major customer-facing service disruption for 74% of organizations.<sup>1</sup>

### RELIABILITY STUDY FINDINGS<sup>2</sup>:

Nokia SR Linux plus EDA delivers

**96%**

reduction in downtime, with

**99.999235% (5.1 nines)**

availability compared to 3.7 nines with legacy mode of operations.

## Nokia:

Charting the path to reliability

Nokia is leading the way in data center network reliability with innovative features that deliver real results.

### Nokia SR Linux and Event-Driven Automation (EDA) integration

Purpose-built for reliable automation, offering seamless and guaranteed operations.

### Leaf-spine architecture:

Layer-3 fabrics for enhanced scalability and performance.

### Digital twin technology:

Test and validate future deployments safely and efficiently. These features drive faster implementations, fewer inconsistencies, reduced outages, and measurable cost savings.

### Start your journey to 5-Nines reliability today. Click here to learn more.

<sup>1</sup> Futurum, The Data Center Networking Imperative: Key Trends Driving the Next Era of Data Centers, September 2025

<sup>2</sup> Bell Labs Consulting in collaboration with Futurum, Data center fabric reliability study, 2025