# The Shift to Observability

## AND WHY IT'S TIME

As the complexity of today's IT landscape continues to expand at an unprecedented pace, infrastructure and operations (I&O) leaders face many obstacles across their tools, systems, applications and teams.

A shift to next-generation observability offers the critical and automated insight — and oversight — needed to make systems more reliable and resilient to enable positive business outcomes.





LET'S TAKE A LOOK.

# The Changing Face of IT



Increasingly more complex environments

monitoring tools, with more than one-third having over 30<sup>1</sup>

of companies have 10+



changes and demands on IT teams Increasingly

Increasingly more

76%

of all performance incidents result from DevOps teams being pushed to deliver faster and more frequently <sup>2</sup>



more distributed systems

99.9%

up-time mandates will likely require more automation and insight

They are unable to map your complete IT topology and track

Yesterday's monitoring solutions simply can't keep up.

changes to it, over time. They also don't provide real-time insight, pinpoint root cause or performance degradations across the entire IT environment.

# Observability is the evolution of

The Solution? Observability

monitoring into a process that offers insight into digital business applications and enhances customer experience.3



system architectures will adopt observability techniques by 2024, up from less than 10% in 2020.4

Predictions for I&O Teams for 2025



#### To improve IT resilience, 40% of organizations will

enforce software

supply chain security measures, up from less than 5% in 2021.<sup>5</sup>



### improvements, 30% of I&O teams

will adopt Al-augmented

dev/testing and automated incident response strategies.<sup>6</sup> Observability creates the core foundation needed to accomplish your goals in key areas. You can:

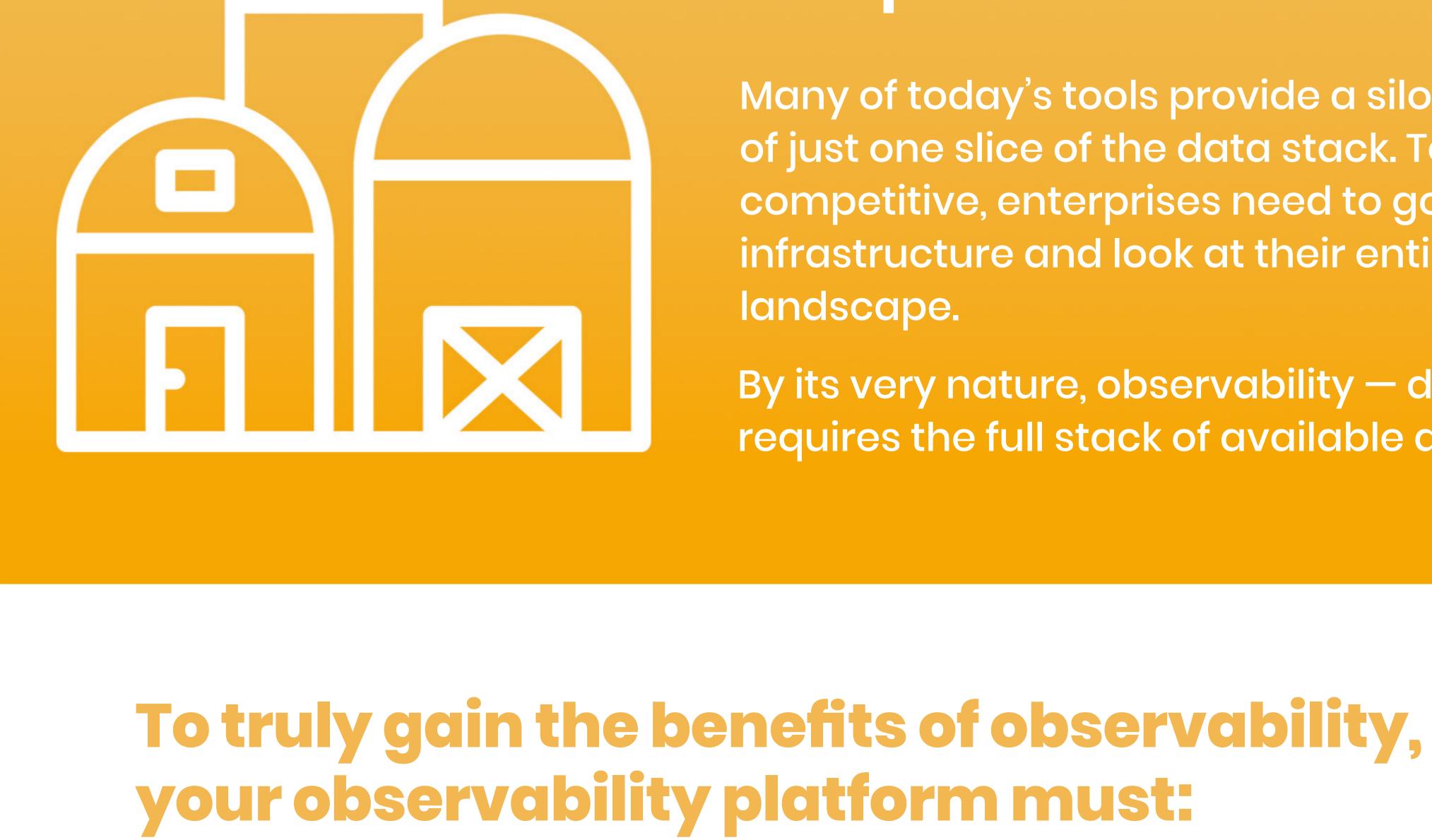


#### 40% of enterprise companies will implement chaos

engineering, improving the mean time to remediation (MTTR) by 90%.<sup>7</sup>

Discover how - and Identify the true root Find issues across cause of an incident, when - configuration multiple systems and automatically. fix failures fast. changes occurred.

landscape.



### Many of today's tools provide a siloed view of just one slice of the data stack. To remain competitive, enterprises need to go beyond infrastructure and look at their entire digital

Observability Needs

to Span Silos

By its very nature, observability — done right requires the full stack of available data.<sup>8</sup>

### Integrate with existing monitoring solutions. Identify issues, past and present. Merge everything into an intuitive platform



system performance.

Before you do, talk to us.

that correlates all data over time. That's the StackState Way.

Discover and monitor your total environment.

- Ready to make the shift?

Our topology-powered observability captures every change in your environment's topology and combines it with telemetry so you can

Our unique 4T® Data Model delivers real-time contextual insights by capturing every millisecond of change from every source across your entire IT landscape so your SREs and DevOps teams can go straight to the source of any incident to identify issues faster and even prevent them altogether.

prevent issues, crush your resolution times and enhance your overall

Dig into our 4T Advantage.

See StackState in action.



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2. The Roadmap to Becoming a Top Performing Organization in Managing IT Operations, By Bojan Simic, Digital Enterprise Journal, Septmber 2020

3, 4, 8. Innovation Insight for Observability, By Padraig Byrne, Josh Chessman, Published 28 September 2020 - Gartner 5, 6, 7. Predicts 2022: Build Digital Platforms for Adaptive Resilience, By Analyst(s): Hassan Ennaciri, Chris Saunderson, Daniel Betts, Manjunath Bhat, Jim Scheibmeir, Joachim Herschmann, 12 November 2021, Gartner

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