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India Executive Summary

State of Cybersecurity Resilience 2025

Building a cyber resilient India in an AI-driven world

Cyber threats are getting smarter and faster, with generative AI amplifying risks and pushing traditional defenses beyond their limits. And this isn't just a tech problem. It's an urgent global risk intensified by shifting politics, trade and regulations.

This new reality turns the spotlight on India, an emerging digital and AI powerhouse. As the nation goes all in on AI, protecting its digital backbone is now more critical than ever.

Cybersecurity reality check

Indian organizations face roadblocks in building cybersecurity resilience.

89%
struggle to align cyber risk strategies with their transformation goals.

81%
fail to safeguard cyber physical systems.

85%
face difficulties in applying "Zero Trust" principles to secure their digital core during transformations.

90%
face challenges in pressure-testing defenses, understanding emerging threats and responding swiftly to cyberattacks.

Assessing cyber defense readiness in India

Accenture's Security Posture Maturity Framework measures cyber readiness by categorizing organizations into **three distinct zones**:

01

Reinvention-Ready:
Cybersecurity leaders who excel in protection, resilience, cyber strategy and cyber-physical security, ready to tackle modern threats

02

Exposed:
Companies without a unified cyber strategy and necessary capabilities, making them highly vulnerable to risks

03

Progressing:
Organizations with cybersecurity potential but lacking a clear strategy or execution

The Security Posture Maturity Framework reveals that

Only 8% of Indian companies are Reinvention-Ready, demonstrating robust security capabilities and integrated cyber strategy.

11% of Indian companies are Progressing, displaying cybersecurity strength but facing challenges in direction or implementation.

81% of Indian organizations are Exposed, lacking both a cohesive cyber strategy and critical capabilities.

Why cyber resilience matters

Reinvention-Ready leaders gain a decisive edge with:

- **69%** less likelihood of experiencing advanced attacks.
- **1.5x** higher success rate in blocking attacks.
- **1.6x** greater improvement in customer trust.
- **1.5x** better tech debt reduction from improved security.

Strong cyber strategies

Reinvention-Ready Zone

8%

11%

81%

Cyber Strategy

Exposed Zone

Progressing Zone
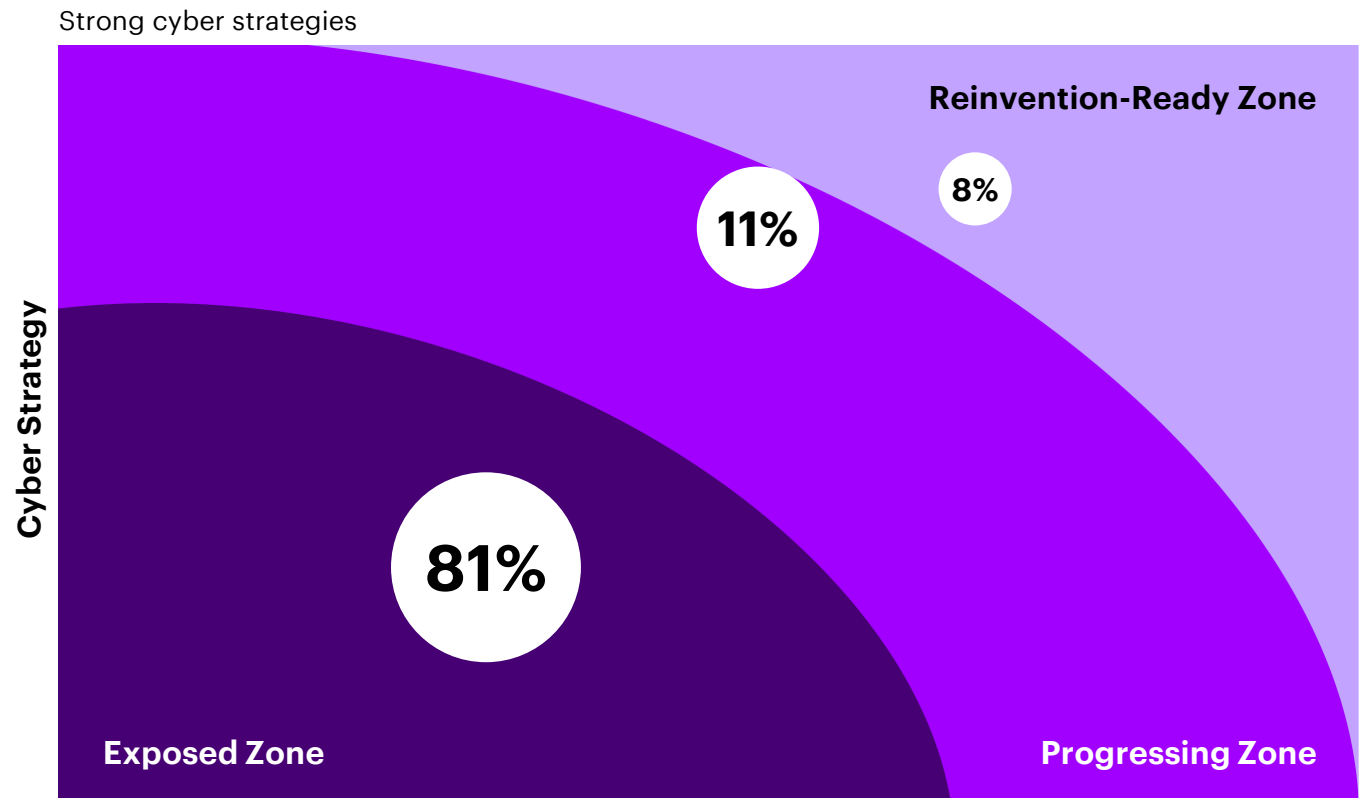
Navigating the path forward

Becoming Reinvention-Ready requires focused effort, strategic investment and leadership commitment.
For organizations, the path forward rests on four priorities:

01 **Develop a fit-for-purpose security governance framework** that aligns with business objectives and regulatory requirements.

02 **Design a generative AI-secure digital core** by embedding advanced security controls from the outset.

03 **Maintain resilient AI systems** through strong security foundations and proactive threat management.

04 **Reinvent cybersecurity with generative AI** by automating threat response and strengthening defenses.

By putting security at the heart of AI progress, businesses can protect their investments, unlock AI's defensive edge and strengthen cyber resilience. Today, security isn't just a backstop—it's the backbone of innovation, trust and enduring success.

Read our global report to learn more about boosting cyber resilience.

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About Accenture

Accenture is a leading global professional services company that helps the world's leading businesses, governments and other organizations build their digital core, optimize their operations, accelerate revenue growth and enhance citizen services—creating tangible value at speed and scale. We are a talent- and innovation-led company with approximately 799,000 people serving clients in more than 120 countries. Technology is at the core of change today, and we are one of the world's leaders in helping drive that change, with strong ecosystem relationships. We combine our strength in technology and leadership in cloud, data and AI with unmatched industry experience, functional expertise and global delivery capability. Our broad range of services, solutions and assets across Strategy & Consulting, Technology, Operations, Industry X and Song, together with our culture of shared success and commitment to creating 360° value, enable us to help our clients reinvent and build trusted, lasting relationships. We measure our success by the 360° value we create for our clients, each other, our shareholders, partners and communities.

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