



CIO Agenda 2025 Predictions for Asia/Pacific

An Exclusive Look into Four Future
Tech Trends CIOs Must Consider





Table of Contents

- 3 **About IDC FutureScape Predictions**
- 4 **CIO Agenda 2025 Predictions Overview**
- 5 **CIO Agenda 2025 Predictions 1 & 2**
- 6 **CIO Agenda 2025 Predictions 3 & 4**
- 7 **Conclusion/More FutureScape Content**
- 8 **About IDC Asia/Pacific**

About FutureScape Predictions

IDC FutureScape reports are used to shape enterprise IT strategy and planning by providing a basic framework for evaluating IT initiatives in terms of their value to business strategy now and in the foreseeable future.

IDC's FutureScapes are comprised of a set of predictions designed to identify a range of pending issues that CIOs and senior technology professionals will confront within the typical five-year business planning cycle. Each prediction is assessed on the basis of its complexity, organizational impact, and time frame to expected mainstream adoption.

To know more about how IDC's FutureScape reports can enable CIOs, technology leaders, and other business leaders deliver their business goals, as well as explore other resources, visit our [website](#) now.

IDC FutureScape: Top 10 CIO Agenda Predictions - APEJ Implications

These predictions outline significant challenges and opportunities for CIOs, IT teams, and the broader technology landscape. One of the most critical findings is the increasing complexity of regulatory and compliance environments, particularly concerning AI innovation. This signals that CIOs must navigate an increasingly complex regulatory landscape while ensuring AI governance aligns with their broader strategic goals.

Additionally, the research underscores the need for CIOs to prioritize both addressing technical debt and implementing responsible AI solutions. By 2025, 40% of CIOs will focus on reducing technical debt, leveraging enterprise initiatives for competitive advantage. However, many organizations will continue to struggle with AI's experimental phase, highlighting a lack of clear ROI.

This eBook will focus on the top 4 predictions that will impact Asia/Pacific in 2025. The full report, IDC FutureScape Worldwide CIO Agenda 2025 Predictions – Asia Pacific excluding Japan Implications (IDC #AP52728424), presents information about technologies, markets, and ecosystems to help CIOs better understand future trends and their impacts on enterprises for the next 5 years. Apart from providing prescriptive, actionable recommendations to address each prediction, the report also highlights leading case studies implemented by enterprises across the Asia/Pacific region.



Note: Marker number refers only to the order the prediction appears in the report and does not indicate rank or importance, unless otherwise noted in the Executive Summary.

The FutureScape report delves into all 10 predictions outlined in the graphic above. This eBook highlights five of these predictions.

Source: IDC FutureScape 2025 – CIO Agenda (APJ)

PREDICTION 1: REGULATORY CHANGE MANAGEMENT

50%

In 2025, 50% of the A1000 will struggle with divergent regulatory changes and rapidly evolving compliance standards, challenging their ability to adapt to market conditions and drive AI innovation.

IT Impact	Guidance
<p>APEJ governments' dedication to enforcement has resulted in high-profile instances, making CIOs wary about eliciting similar reactions. This may delay the implementation of novel digital capabilities, necessitating different compliance measures depending on location.</p> <p>CIOs will need to invest in new data storage tools that meet country-specific regulations, as well as manage multiple localized AI frameworks, increasing cost, complexity and supporting technical resources.</p>	<p>Create strong and transparent data governance & ethical AI frameworks to ensure responsible regulatory adherence and usage across the organization's value chain.</p> <p>Collaborate with legal professionals to create a multijurisdictional compliance strategy that integrates with present and future digital systems.</p> <p>Adapt an agile compliance strategy by leveraging automation to quickly meet evolving compliance needs.</p>

PREDICTION 2: UNIFYING AI GOVERNANCE

70%

By 2025, 70% of organizations will be formalizing policies and oversight to address AI risks (e.g., ethical, brand, and personally identifiable information [PII]), aligning AI governance with strategic business goals.

IT Impact	Guidance
<p>2025 will mark a significant shift in AI adoption, leading to the importance of ethical AI governance. IDC survey shows 41% of APEJ organizations are focused on establishing data governance policies for GenAI usage.</p> <p>This will require CIOs to:</p> <ul style="list-style-type: none">• Implement robust data governance structures such as data lineage, privacy safeguards, and secure storage, particularly when dealing with PII.• Develop strong metrics mechanisms to effectively measure AI's impact.• Hire IT Specialists with AI, automation, and analytics expertise.	<p>Implement a governance framework that aligns AI model creation with company principles, legal standards, ethical risk management methods, and data governance openness to prevent biases.</p> <p>Establish an AI review board for project monitoring and approval, ensuring that ethical concerns are prioritized in decision making.</p> <p>Invest in training and talent upskilling to ensure employees have the necessary skills for building, implementing, and managing successful AI systems.</p>

Source: IDC FutureScape Worldwide CIO Agenda 2025 Predictions – Asia Pacific excluding Japan Implications (IDC #AP52728424); IDC’s 2024 CIO Sentiment Survey

PREDICTION 3: ELIMINATING TECHNICAL DEBT

40%

Responding to the drag of technical debt, 40% of CIOs in 2025 will drive enterprise initiatives in high-impact areas to remediate technical debt for competitive advantage.

PREDICTION 4: POC TO PRODUCTION

1/3

In 2026, over one-third of organizations will be stuck in the experimental, point-solution phase of AI experimentation, requiring a shift of focus to enterprise use cases to deliver ROI.

IT Impact	Guidance
<p>To remediate technical debt and drive modernization, over 68% of CIOs in the region are embracing modern development tools, such as integrated development environments (IDEs), agile DevOps, low/no code, and AI tools.</p> <p>Eliminating technical debt can shorten development cycles, enabling IT teams to accelerate enterprise initiatives and introduce new features, particularly AI.</p> <p>CIOs could minimize maintenance expenses, manage resources more effectively, and free up funds for innovation.</p>	<p>Balance technological debt management with future investments and develop a solid commercial case for AI.</p> <p>Build strong, advanced cybersecurity capabilities and tools and focus on proactive security measures by embedding AI analytics.</p> <p>Manage the next-generation architecture and life-cycle planning based on best practice disciplines to avoid or prevent creation of new technical debt issues and risks.</p>

IT Impact	Guidance
<p>In the region, out of 24 GenAI POCs in the past 12 months, only 3 reached production. This is partly because these AI projects often lack a clear direction, resulting in discrete use cases that make little contribution to business growth.</p> <p>Scaling AI solutions will require seamless integration with existing IT infrastructure, legacy systems and data architectures, which may present technical challenges and increase complexity.</p> <p>The transition to enterprise AI will increase the demand for highly specialized talent and could create a potential skills gap.</p>	<p>To effectively move AI to production, IT organizations must invest in strong vendor alliances, work closely with LOB teams, and hire the right people.</p> <p>Invest in workforce development and form cross-functional teams to interact across IT, business, and data science departments to ensure effective AI adoption.</p> <p>Develop a strong integrated data strategy to ensure seamless data workflow collaborations across business departments.</p> <p>Create an AI center of excellence.</p>

Source: IDC FutureScape Worldwide CIO Agenda 2025 Predictions – Asia Pacific excluding Japan Implications (IDC #AP52728424); IDC FERS Survey Wave 4 2024 (APJ = 300); IDC WW AI Use Cases Survey, July 2024 (APJ = 919)

In Conclusion

As technology continues to reshape business strategies, CIOs are at a pivotal point. Positioned at the intersection of technology and business, they are uniquely equipped to guide their organizations through these challenges and opportunities. The role of the CIO is expanding. Those who can successfully combine strategic leadership with versatility across industries will be better positioned to steer their organizations toward sustained growth and success amid these shifts.

This eBook was written from research and findings from the IDC research report, IDC FutureScape: Worldwide CIO Agenda 2025 Predictions. **To learn more about the predictions that CIOs need to consider related to the new path for CIOs, sustainability, cybersecurity, digital innovation, and closing the digital skills gap,** refer to full FutureScape research report on [CIO Agenda 2025](#).

IDC clients can access this FutureScape research report, along with other IDC research under subscription. If you're interested in subscribing to IDC's research, click the button below.

[Contact Us](#)



INTERESTED IN MORE FUTUREScape CONTENT?

Becoming an AI-Fueled Business

Hear from IDC's Group Vice President and General Manager for Research, Sandra Ng, where she delve into the Asia Pacific and Japan AI Everywhere Playbook for 2025. Download the playbook to learn more about the seven pillars of AI success.

Unlock More IDC FutureScape Predictions Research

Understand how this IDC's predictions could shape your organization's strategic planning for the coming years. Register for the next installments of Becoming an AI-Fueled Business series.

- [Building an AI-Fueled Business: Strategy, Platform and Data](#)
- [Unblocking the AI Everywhere Blockers in 2025](#)



Want to learn more about the IDC FutureScape predictions? [Click here.](#)

About Us

International Data Corporation (IDC) is the premier global provider of market intelligence, advisory services, and events for the information technology, telecommunications, and consumer technology markets. With more than 1,300 analysts worldwide, IDC offers global, regional, and local expertise on technology, IT benchmarking and sourcing, and industry opportunities and trends in over 110 countries. IDC's analysis and insight helps IT professionals, business executives, and the investment community to make fact-based technology decisions and to achieve their key business objectives.

Founded in 1964, IDC is a wholly owned subsidiary of International Data Group (IDG), the world's leading tech media, data, and marketing services company.

To learn more about IDC, please visit www.idc.com/ap. Follow IDC on Twitter at @IDCAP and LinkedIn. Subscribe to the IDC Blog for industry news and insights.

Copyright Notice

Terms of Use: Except as otherwise noted, the information enclosed is the intellectual property of IDC.
© 2024 IDC. Reproduction is forbidden unless authorized; contact ap_permissions@idc.com for information. All rights reserved.

Asia Pacific Headquarters

IDC Asia/Pacific
The Work Project
168 Robinson Road,
Level 20, Capital Tower
Singapore 068912

