

Why are we here?

Artificial Intelligence offers the potential to deliver remarkable productivity benefits.

Those benefits come with risk; we want to mitigate the risk.







IDC's Global Al Economic Impact

Al will generate a cumulative This will represent 3.7% of global GDP in 2030**, due to: Global Economic* Impact of \$22.3 Trillion by 2030 DIRECT Increased spending on AI solutions and **services** driven by accelerated AI adoption INDIRECT (SUPPLY CHAIN) Impact along the whole AI providers Economic **stimulus among AI** supply chain, increasing revenue for adopters, seeing benefits in terms the providers of essential supplies to of increased production and new Al solutions and services providers revenue streams Additional wealth from increased NDUCED households' income, including existing and **new employees** linked to Al value chain across direct and indirect effects layers.



2 types of risk

Constructive risk



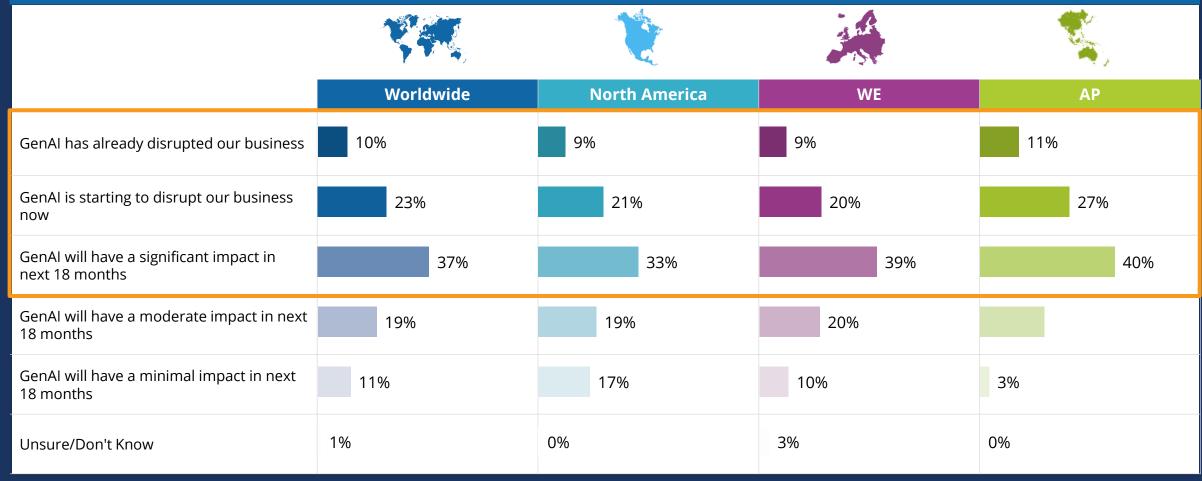
Unnecessary risk





The key surrounds business disruption and the complexity it brings

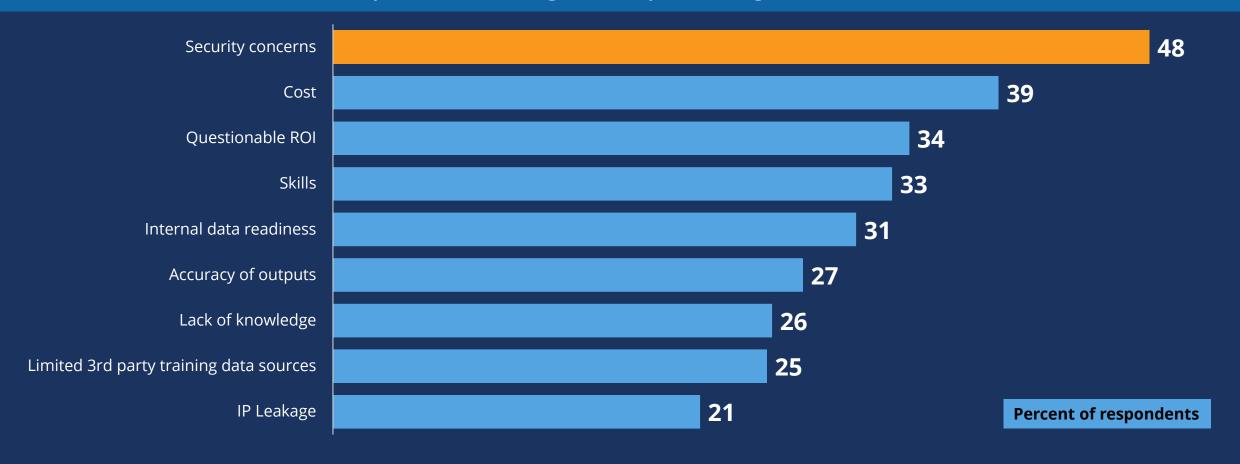
What extent do you believe broad access to GenAI foundation models, platforms, and application technologies will disrupt your organization's competitive position or business operating model in the next 18 months?





Should you be worried about Gen AI security?

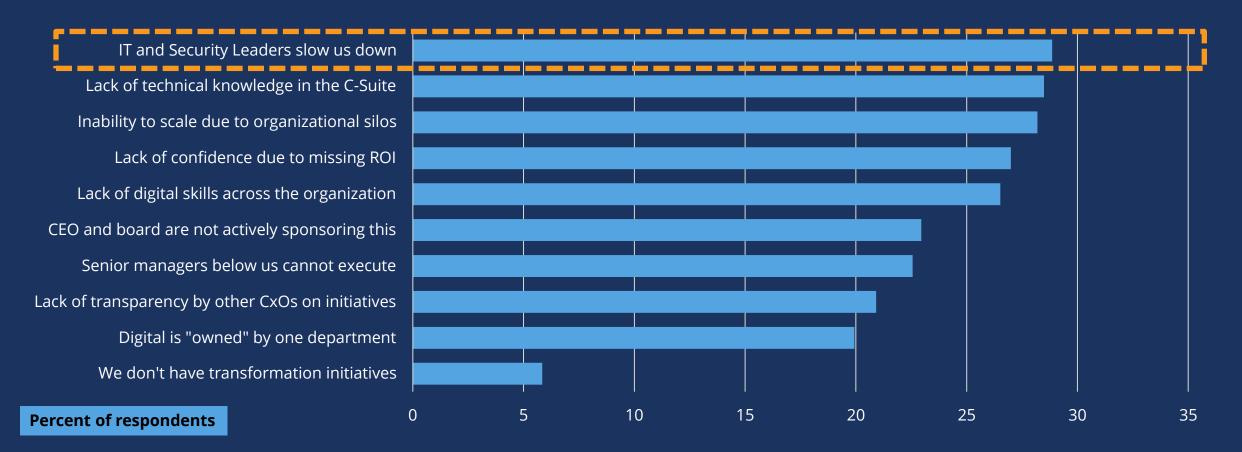
What are the most important challenges your organization is facing (or anticipate will be facing) with implementing GenAl initiatives?





Worldwide Top 5 C-Suite hurdles to digital initiatives

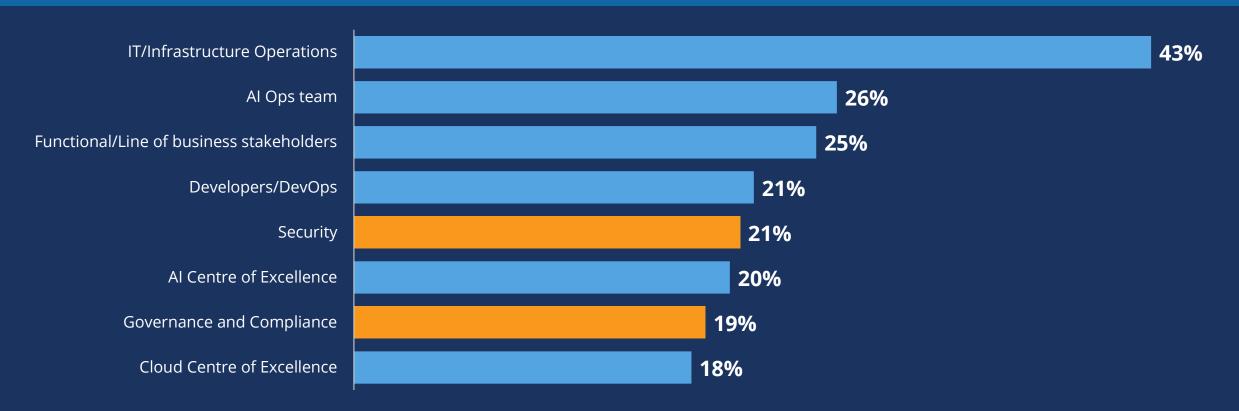
What are the most serious hurdles to completing digital initiatives in your organization?





Where does security fall in considerations around Al solution deployment?

Which are the top 2 roles most involved with the data team during design, development and deployment of AI models and applications for business use cases?









Creating your GenAl functional roadmap Menial Reduction compliancein false related tasks Visibility and fully positives correlation of Converting automated commanddetections to Attack path line guided friction instructions remediation, Appreciable dynamically Continuous gains in created compliance User mean-timebehavioral Balancing to-respond Dynamic risk analytics all information **Enforcement** assessment instances overload with Uniform ompliance of zero trust policy posture rules/policies applications. enforcement Policy over multiple nown at any surfaces Access Identify Better fraudsters directed Full cycle Dynamic vulnerability Alert based on workflows compliance Information remediation behavior back to a checks of classifiers Correlation . Policy state of digital real creation innocence estate Detect and Dynamically Ability to **Ticket** 1onitoring account for respond created submission Monitoring capabilities in detection configuration system Consistent **HORIZON 3** DLP data DLP rules drift design rules/policies Jira/Service flows 2026 and beyond rules Now Reduction **Automated** of bias/ rotection **Explanation** Streamlined auditing and subjectivity point-in-time document vulnerabilities compliance ation Graphical Guided representation investigations of attack paths **HORIZON 2** 2025 Risk & **HORIZON 1 Application** Information Security Exposure Compliance Operations Security Security 2024

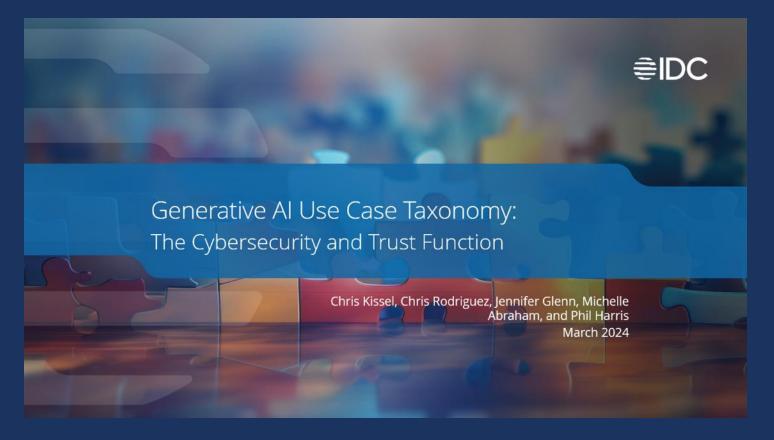


Management

Chris Kissel, Research Vice President



Generative Al Use Case Taxonomy: The Cybersecurity and Trust Function; #US51962424





Michelle Abraham, Senior Research Director



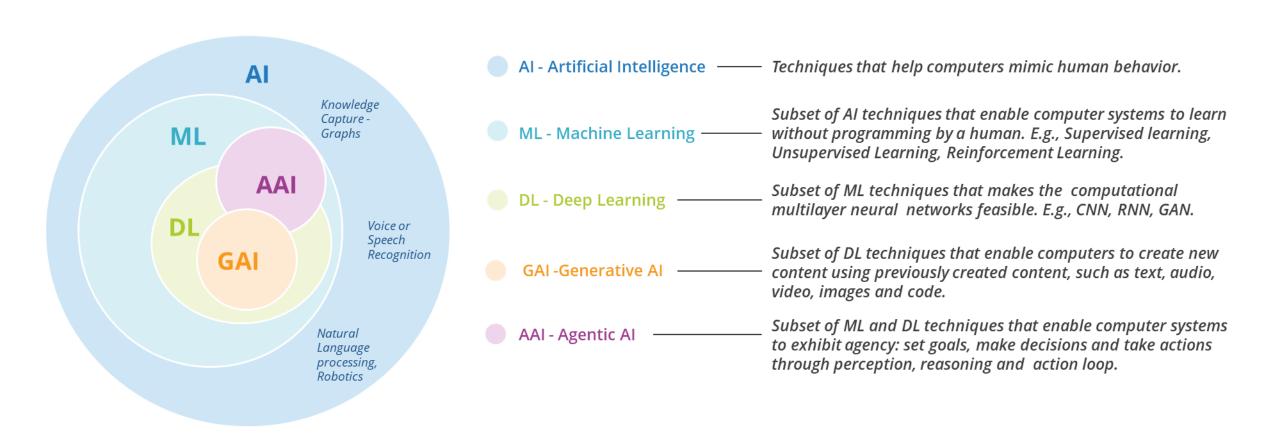
Recent Research on IDC.com

- Uses and Benefits of GenAl in Cybersecurity, Doc# US52742024
- Deployment Stage and Funding of GenAl in Cybersecurity, Doc# US52730124
- Generative Al Use Case Taxonomy: The Cybersecurity and Trust Function, Doc# US51962424
- Five More Big Questions About GenAl in Cybersecurity Answered: Volume 2, Doc #US51829324
- Five Big Cybersecurity Questions About GenAl in Cybersecurity Analytics Answered: Volume One, Doc #US51850124
- Has Our Opinion of the Impact of GenAl on Cybersecurity Changed Since Last Year?, Doc #US52393324
- RSA 2024: Al Lives; Hail to the Platform, Doc #US52188624





What is AI?





3 areas of CISO concerns for GenAl



Others' applications



Your applications



Your models



3 areas of CISO concerns for GenAl



Your models



Do the security risks of Agentic Al keep senior leadership up at night?





FRANK DICKSON

MICHELLE ABRAHAN

For which of the following Agentic Al-related business risks has the senior leadership most sought information or advice from IT leadership?





Elements of trustworthy Al

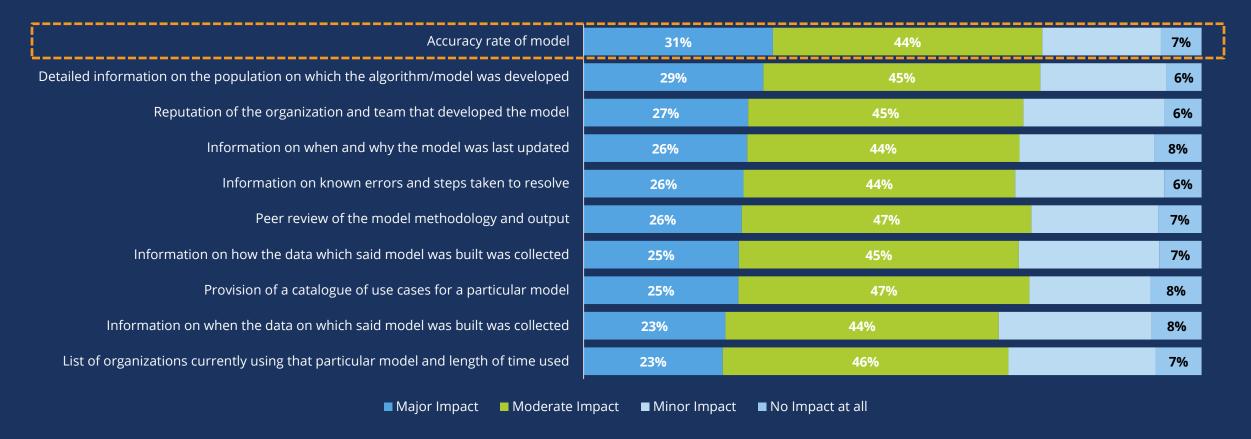




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The accuracy rate of the model has the greatest impact on perceived trustworthiness of Al and automation technologies across all respondent categories

Please indicate how much each of the items below would impact your perception of the trustworthiness of AI and automation technologies.





Concerns seem to vary by geography



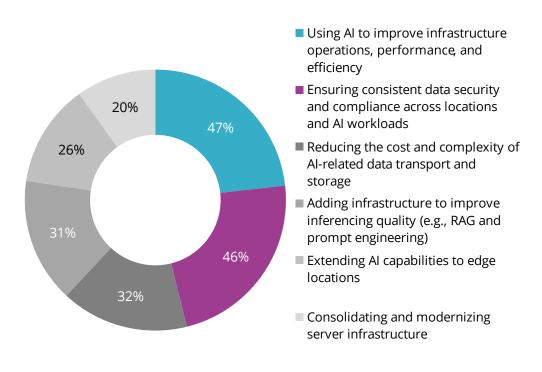


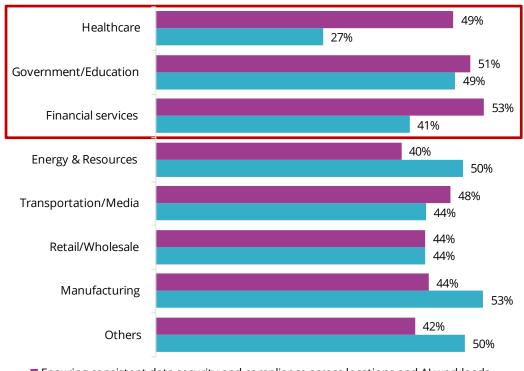
How important is securing data for Al in heavily regulated industries?



JENNIFER GLENN

You indicated that you are prioritizing AI infrastructure readiness in 2025. What is your most important goal for these efforts? What is your second most important goal?





■ Ensuring consistent data security and compliance across locations and AI workloads

Using AI to improve infrastructure operations, performance, and efficiency





Secure at the application level as a "black box"

Al applications will become model cocktails



Dr. Grace Trinidad, Research Director



Will I Trust AI? Survey Research on the Impact of Accuracy, Population Data, and More on the Trustworthiness of AI Technologies Worldwide, Doc #US51944224







The new four central control points of digital transformation as networkand perimeter-centric security measures become more permeable.



Network

Never goes away.



Endpoints

A dark internet will require a security presence at key termination points.



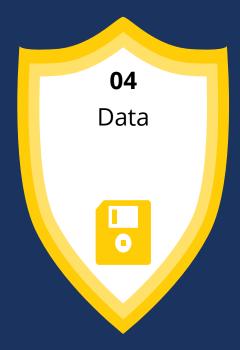
Identity

Identity becomes the new perimeter.



Applications

Layer 7 is the new Layer 3.



Data

Prioritizing protection while retaining sufficient usability is the new paradigm of enterprise defense.



3 areas of CISO concerns for GenAl















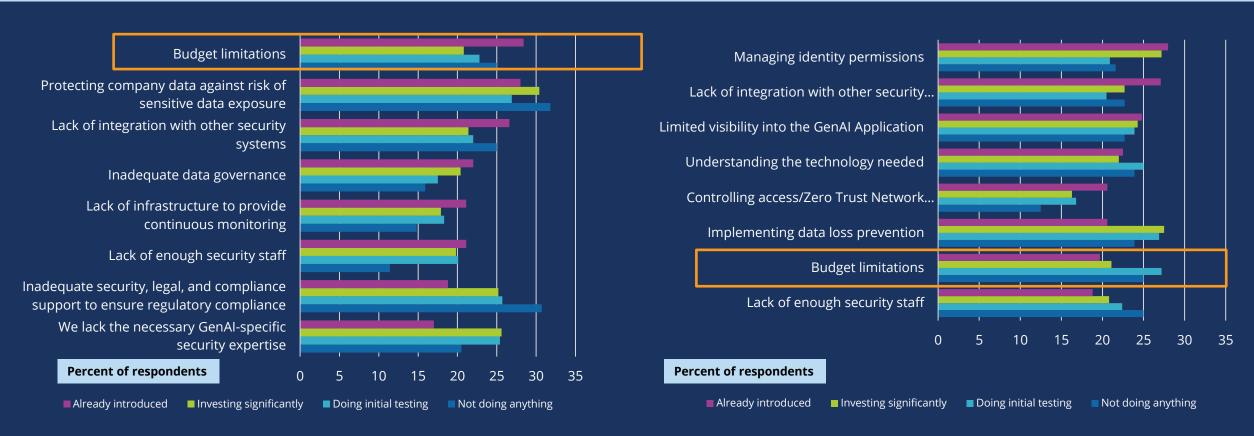


FRANK DICKSON

MICHELLE ABRAHAN

What are the two greatest challenges your organization faces in securing your *internally* developed GenAl applications?

What are the two greatest challenges your organization faces in securing third-party delivered, GenAl-enabled applications?





3 areas of CISO concerns for GenAl





Shared infrastructure model

On-Premises

Identity

Data/Content

Application

Operating System

Virtualization

Network

Infrastructure

Physical

laaS (Infrastructure as a Service)

Identity

Data/Content

Application

Operating System

Virtualization

Network

Infrastructure

Physical

PaaS (Platform as a Service)

Identity

Application

Data/Content

Operating Sytem

Virtualization

Network

Infrastructure

Physical

SaaS (Software as a Service)

Identity

Data/Content

Application

Operating Sytem

Virtualization

Network

Infrastructure

Physical

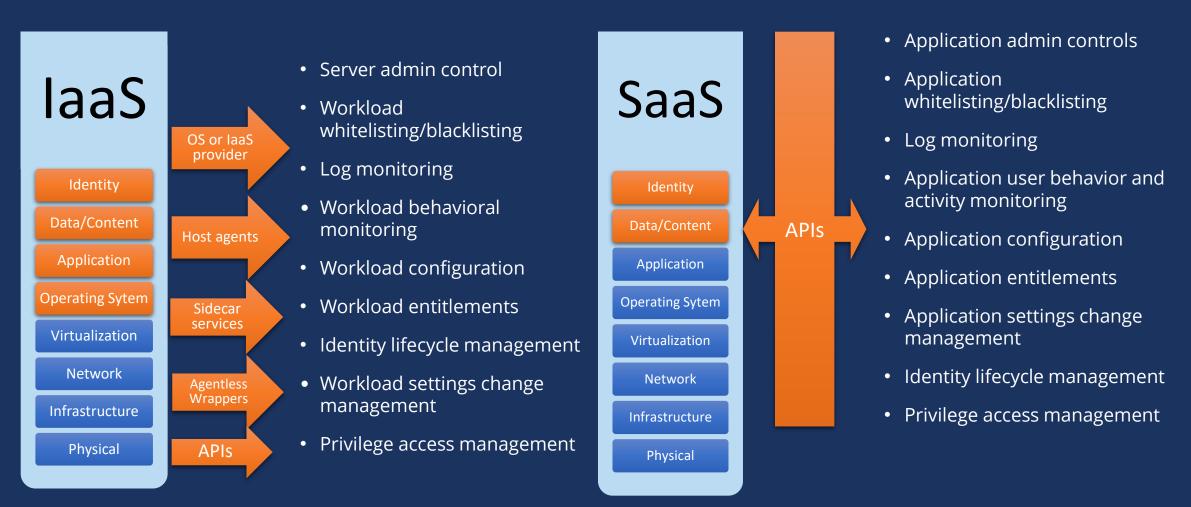
User Managed

Provider Managed

User control declines as deployment model migrates to services



laaS allows many ways to implement security SaaS allows security to be only implemented via APIs





Do we really know the issues that we will face in securing third-party GenAl applications used in our organizations?

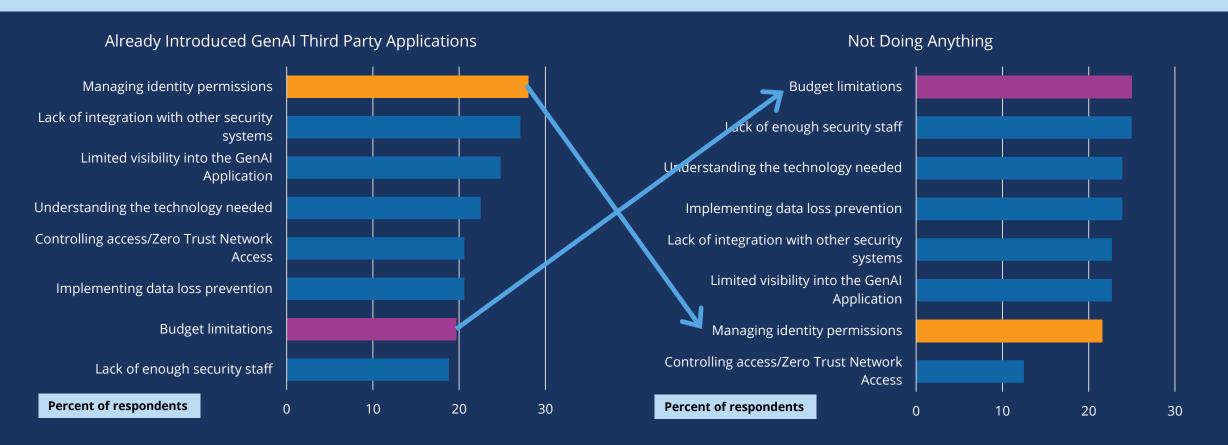




FRANK DICKSON

MICHELLE ABRAHA

What are the two greatest challenges your organization faces in securing third-party delivered, GenAI-enabled applications?





Control points for GenAl



Network
Secure Web Gateway
CASB



EndpointsEDR



Identity
Authentication
Authorization
Governance



ApplicationsProactive Access



Data DLP



3 areas of CISO concerns for GenAl



Your applications



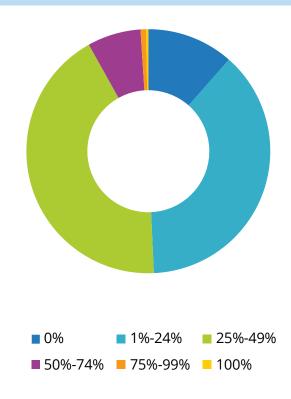
Are data security, privacy and compliance an impediment to GenAl deployments?

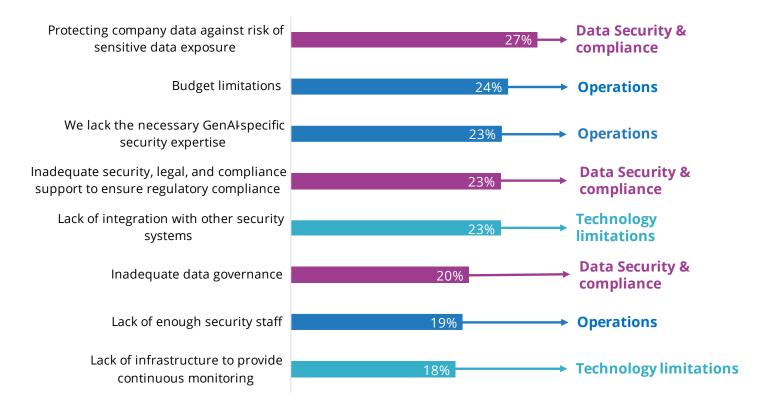


JENNIFER GLENN

How many custom Al apps and packaged Al apps/services were converted from POC to production in the past 12 months?

What are the two greatest challenges your organization faces in securing internally developed GenAl applications?





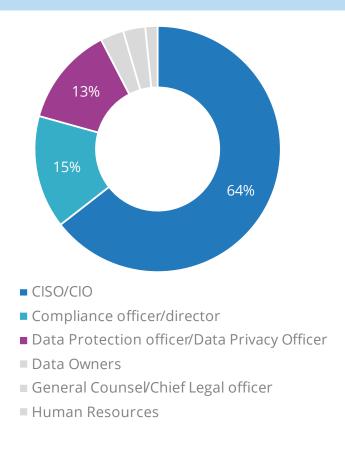


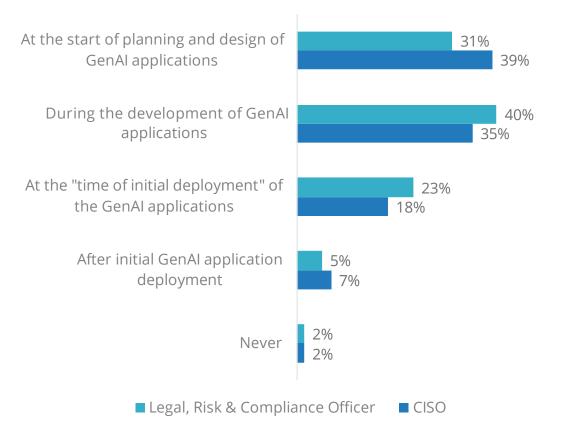
When should security and compliance teams be involved with GenAl development?

JENNIFER GLENN

Which group is primarily responsible for communicating data security and privacy risks to business leaders?

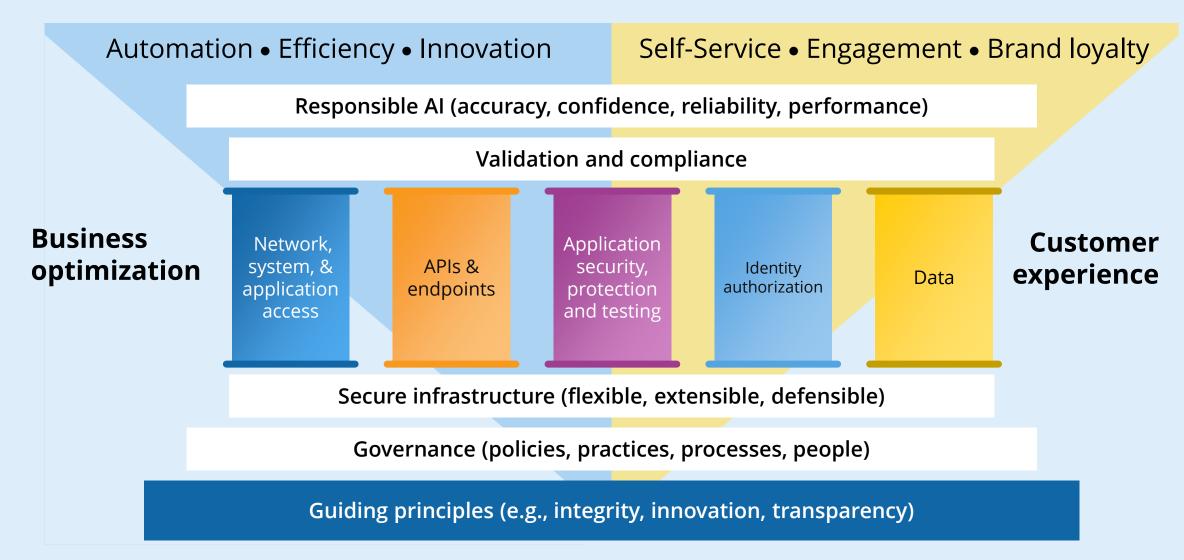
At which stage in development of your organization's GenAl applications are the CISO or Chief Legal, Chief Risk and/or Compliance Officer engaged?







Identifying the issues associated with building out AI trust





Types of trust checks for your applications: Accuracy, security, privacy and compliance





Pen testing your Al applications

