Prepare Your Data for AI: Essential Management and Governance Strategies

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AI+IM GLOBAL SUMMIT

Session Abstract

Learn how to transform your data into AI-ready assets through proven optimization strategies. You'll discover how to enhance your data quality and quantity, manage data availability, and implement robust security measures. You'll gain practical knowledge for building a comprehensive data governance program that prepares your data for AI applications and Large Language Model (LLM) integration.

Through real-world examples, you'll explore best practices for secure data integration with LLM's while protecting your intellectual property and mitigating privacy risks. Walk away with actionable strategies to make your data AI-ready while maintaining security and compliance.

Ron Arden

Executive Vice President, CTO and COO

AI Use Cases

Autonomous Testing

Sales Development

Document Summarization

Localization

Customer Interaction Chatbot

Marketing Content Writing

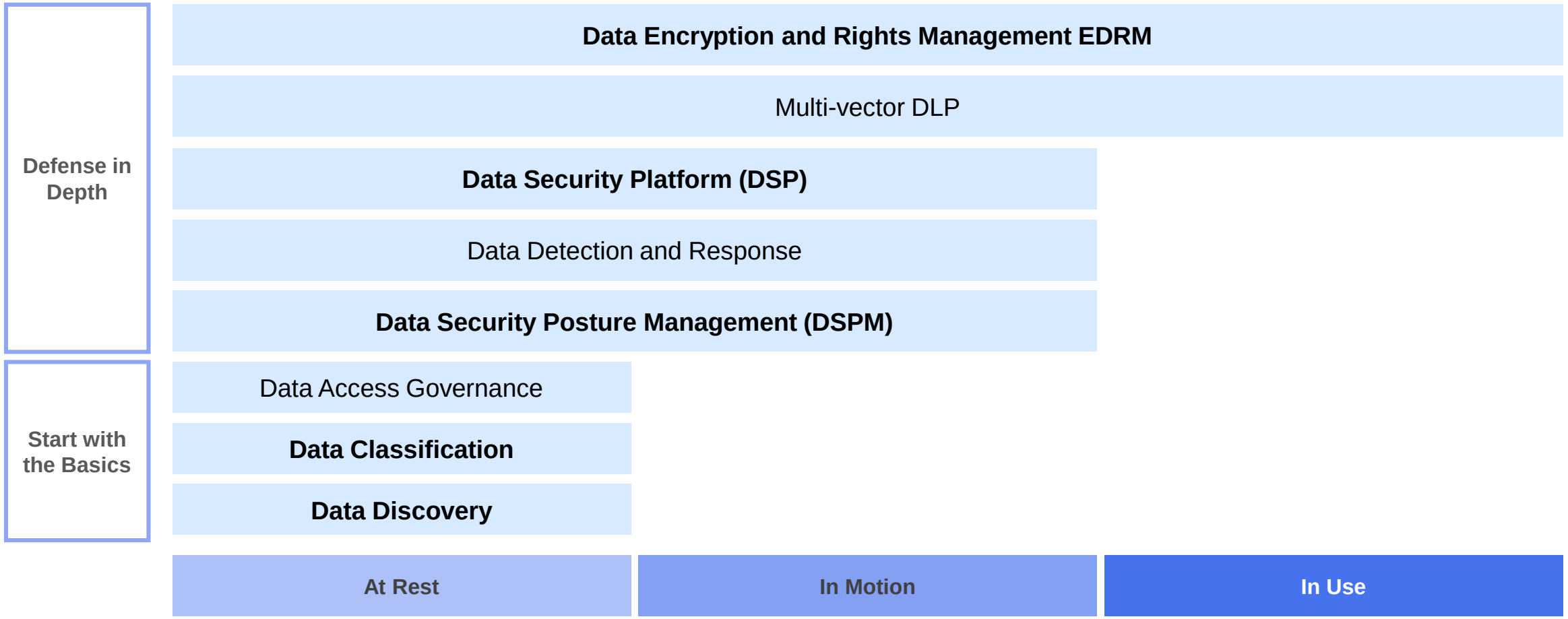
AI Feedback Coach

Avatar Assistance

Recruiting AI Avatar

Coding Assistant

Advanced Data Security



※ Source: Gartner

Focus on data in its three states

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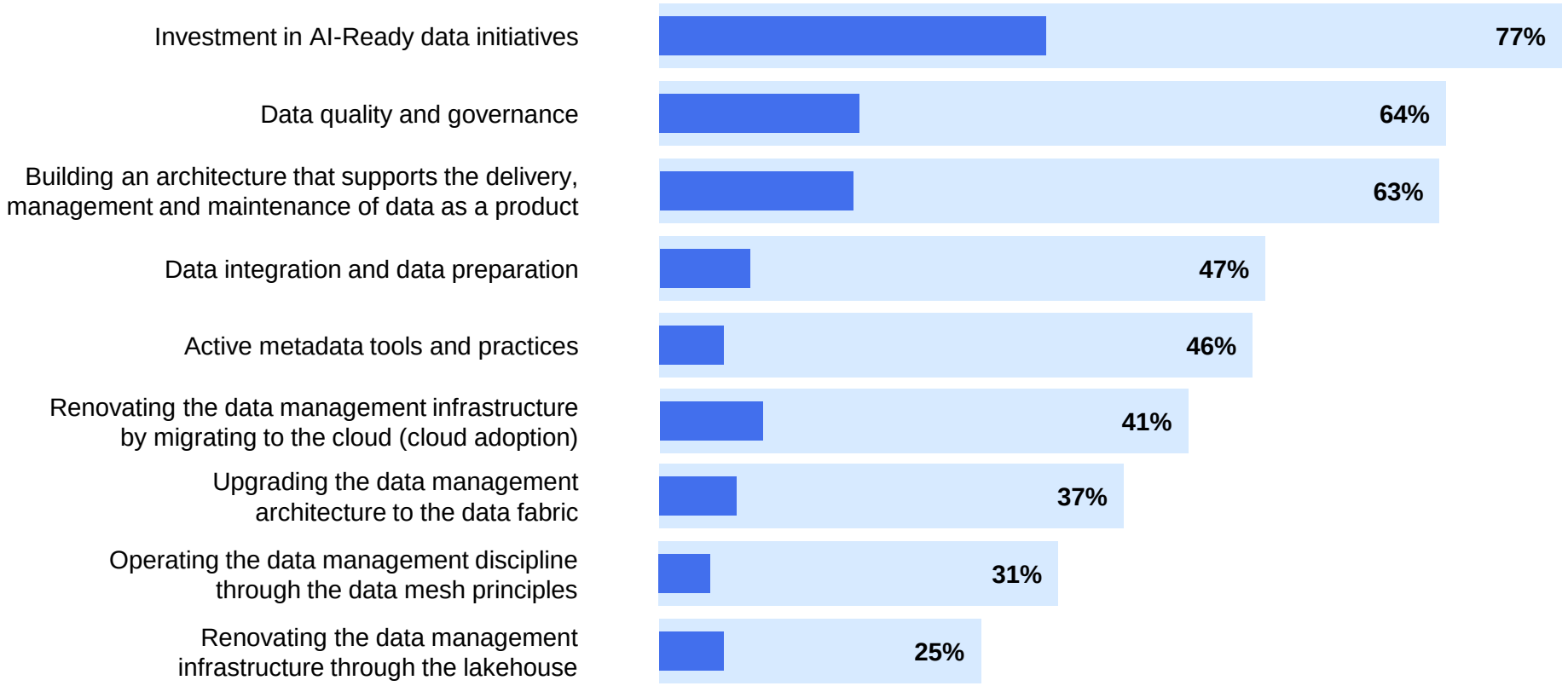
Top Investment Trends for Data Management

Top 5 investment trends for data management leaders in the next 2-3 years



※ Source: Gartner (2024 The Evolution of Data Management Survey, n=247)

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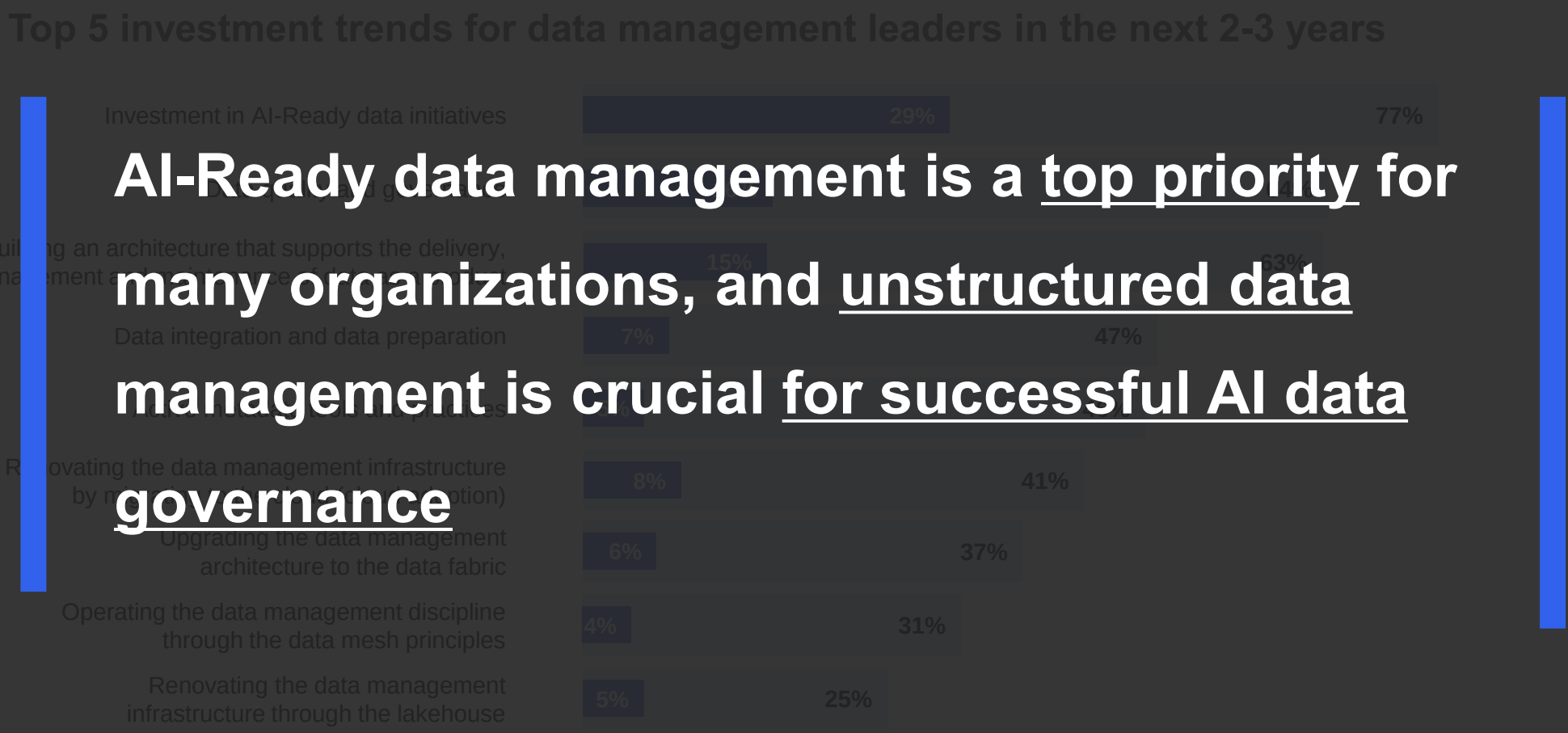
Top Investment Trends for Data Management



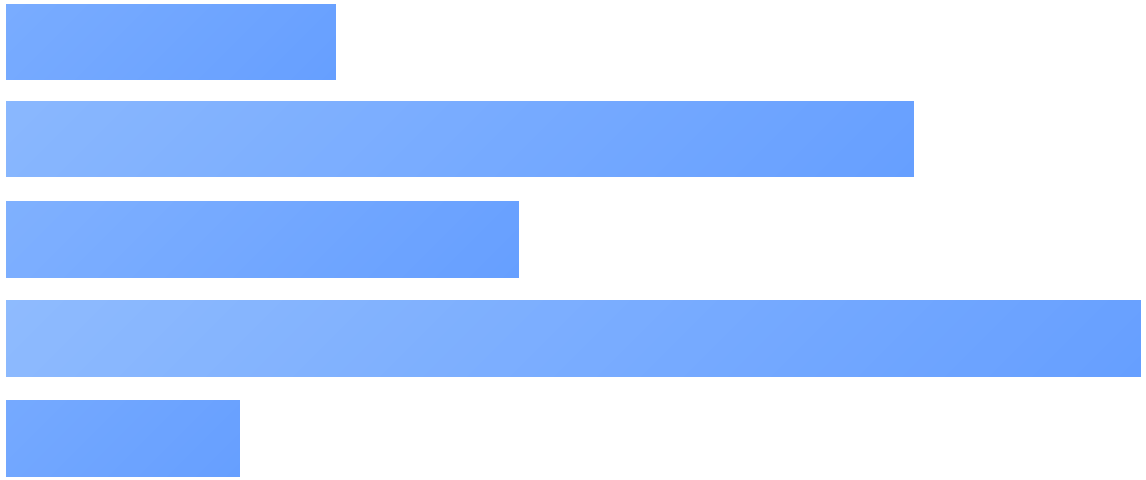
AI-Ready data management is a top priority for many organizations, and unstructured data management is crucial for successful AI data governance

※ Source: Gartner (2024 The Evolution of Data Management Survey, n=247)

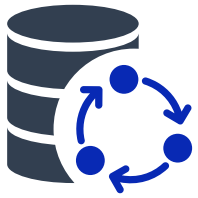
Polling Question

Which facets of AI data management are most critical to your strategy?

- Data Security
- Data Quality
- Data Integration
- Scalability and Performance
- Compliance with Regulations



Data Requirements for AI



Quantity

Prerequisites for management

All valid data within the company
on PCs, servers, storage, etc.

Quality

GenAI learning targets

Management based on data lineage
and removal of unnecessary data (ROT)

Security

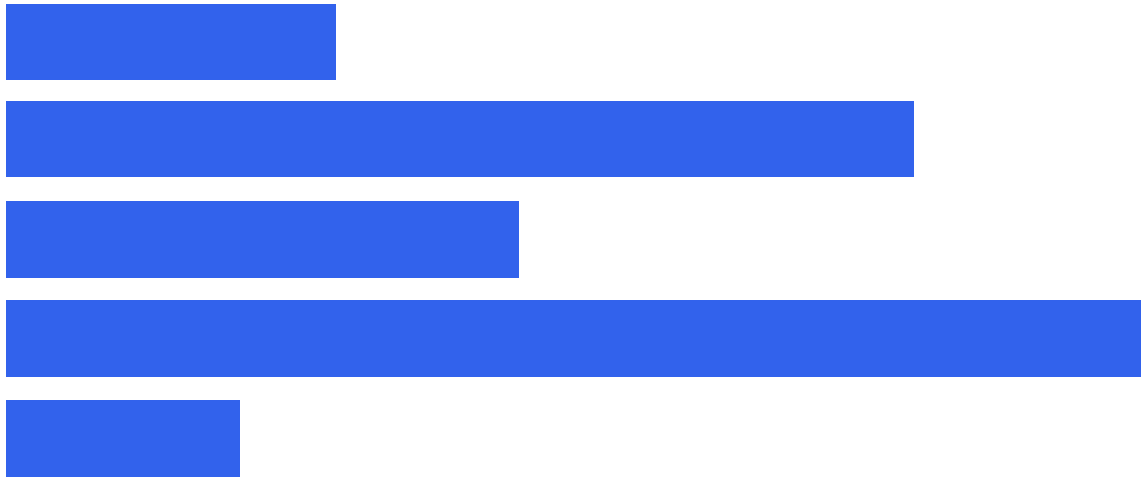
Maintain consistent permissions

Document permissions remain
the same in GenAI

Polling Question

What is the current state of your unstructured data management?

- Making data accessible
- Classifying data
- Migrating data to the cloud
- Defining data quality
- Limiting data access



Current State of Unstructured Data Management

Unstructured Data Management

- Challenge for organizations due to its diverse formats and inconsistent or insufficient metadata

Metadata is missing from unstructured data, making it tough to manage

More Specific KM Requirements

- Quantity, quality, availability, and security of unstructured data have become essential for successful knowledge management (e.g., GenAI, cloud, etc.)

Curating data within document repositories may be possible, but not all data resides on repositories, and they are everywhere

Data Governance

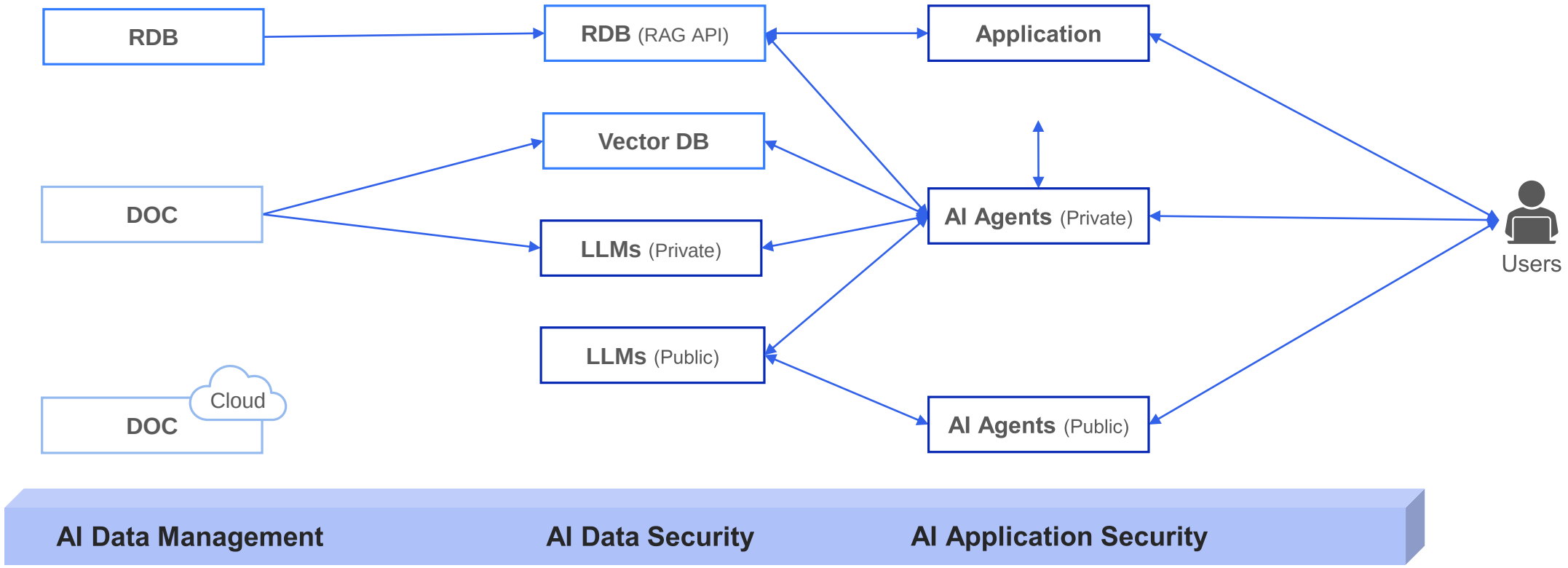
- The volume, diversity, and severity of security threats have significantly increased that basic data security is not sufficient enough

GenAI should not use the data without a clear ACL

Current State of Unstructured Data Management

Content virtualization allows organizations to manage data regardless of physical location, synchronize in real-time, and streamline unstructured data management, satisfying data quantity, quality, availability, and security.

Enterprise AI Architecture and Security



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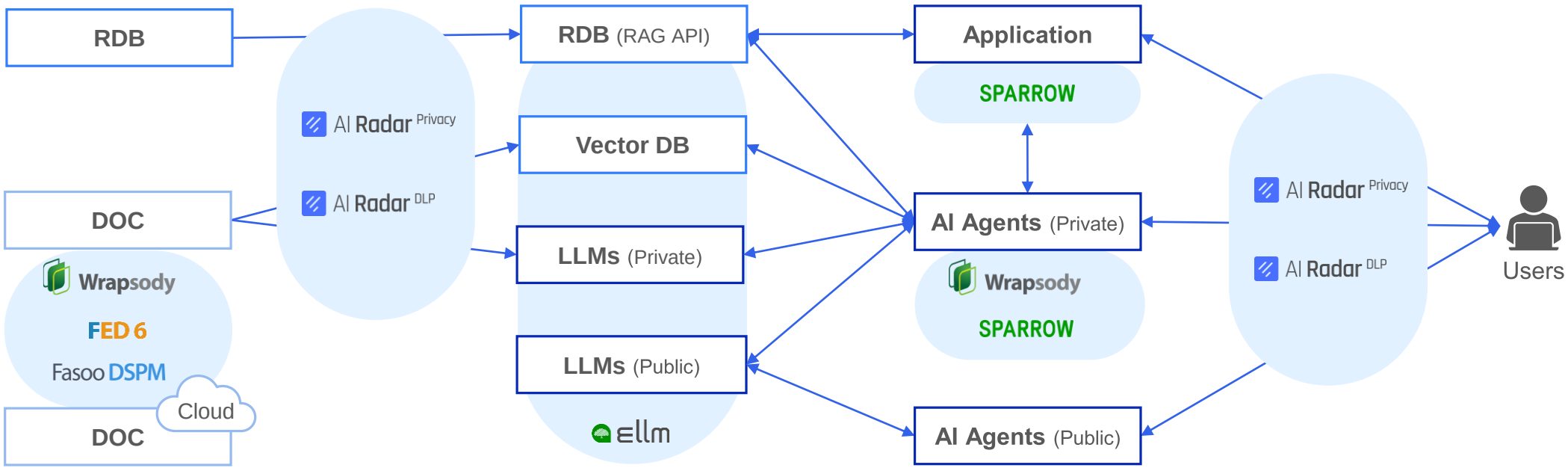
Comprehensive AI-Ready Security Portfolio



AI Data Management

Wrapsody
Data Management for AI

AI Data Security

Fasoo DSPM
Data Security Posture Management

FED 6
Advanced Data Security for AI

AI Radar Privacy
AI-Powered De-identification

AI Radar DLP
Data Loss Prevention for AI

AI Application Security

SPARROW
Application Security for AI

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Thank you

Meet with Fasoo at **Booth #4**.

AI-Ready Data	Wrapsody
Enterprise LLM	ellm
AI-Ready Security	AI Radar Privacy AI Radar DLP

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