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Bankers New Paradigm • Business Continuity Management

INDUSTRY BENCHMARK REPORT

Cloud Application Ratios in Banks & Credit Unions

A benchmark of application estate modernization (2015–2025) with a forecast through 2030

HISTORICAL RECORD

2015 – 2025

PROJECTION HORIZON

2026 – 2030

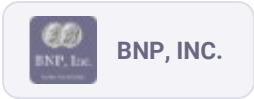
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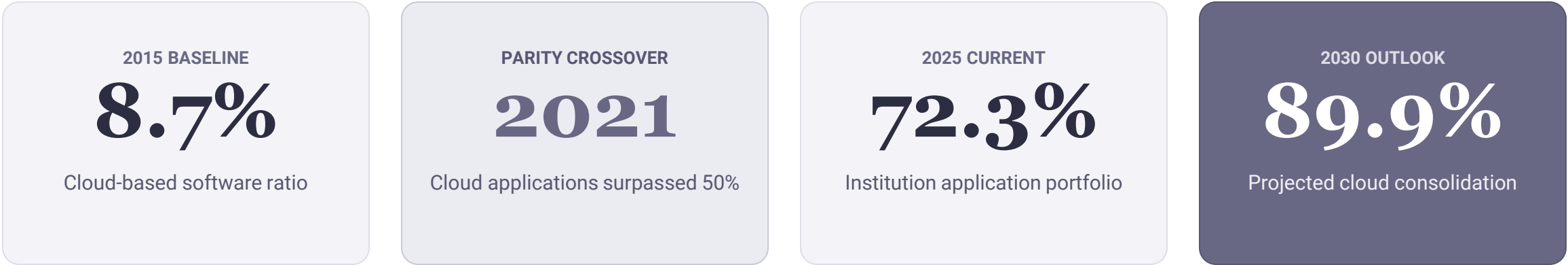
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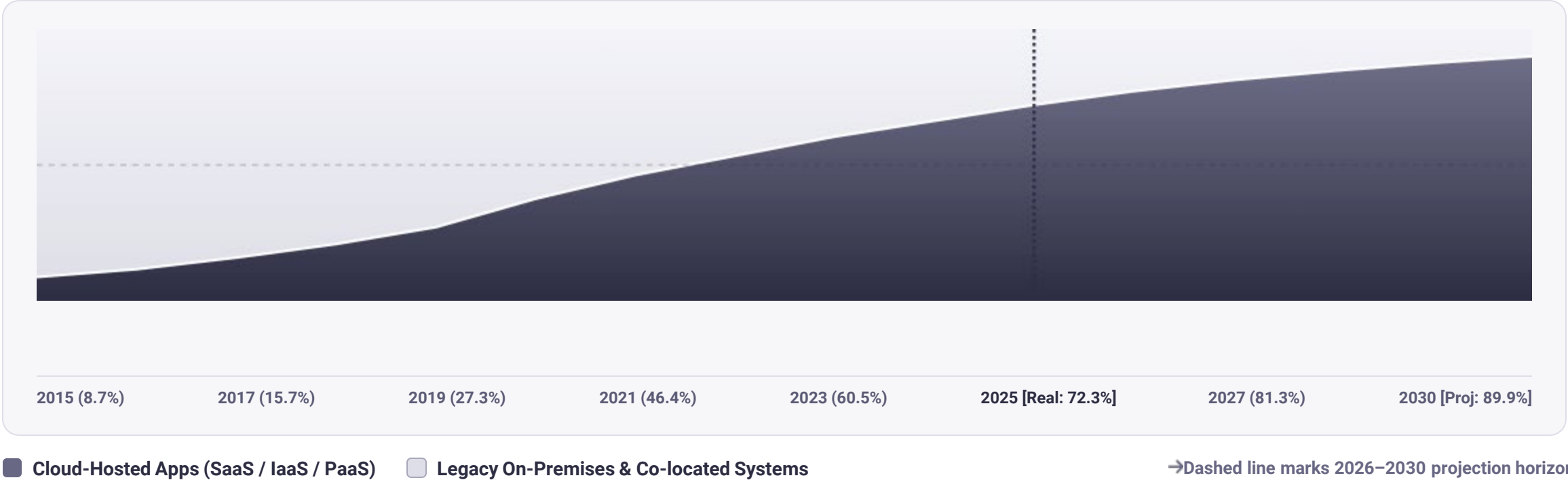
The Decisive Decade of Cloud Transformation

Banks and credit unions have shifted from edge SaaS experiments to cloud-native foundations.



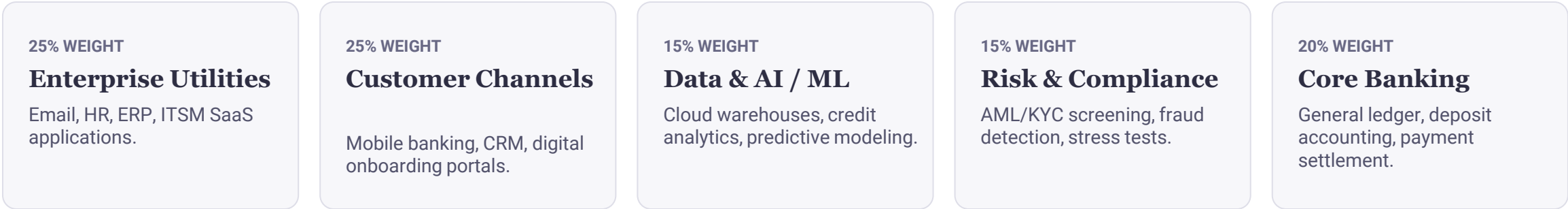
Application Distribution: Cloud vs. Legacy On-Premises

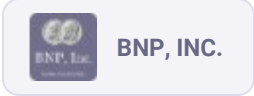
10-year historical trajectory and forward projection through 2030 across all FI tiers.



Five Core Workload Archetypes in Banking

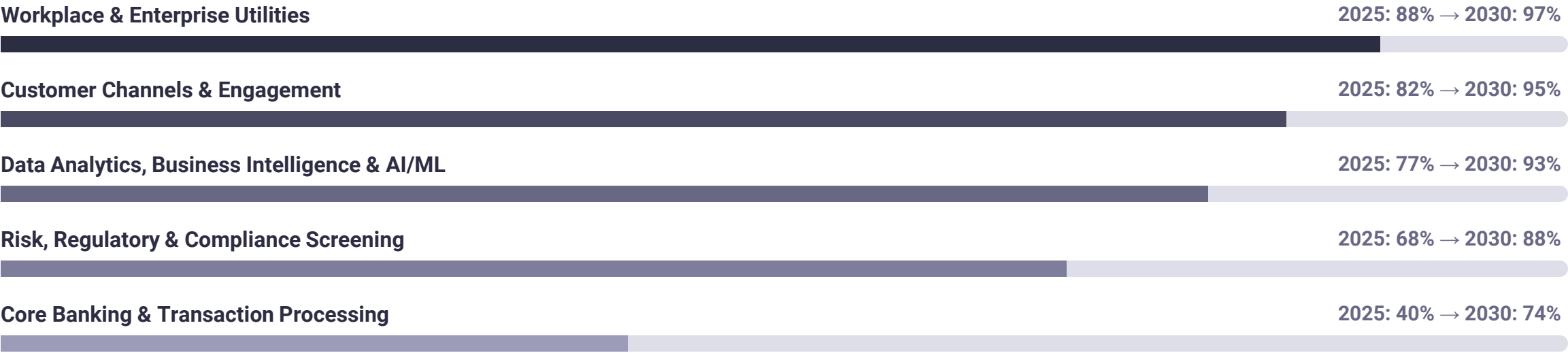
Portfolio distribution and cloud adoption maturity vary significantly across operational layers.





2025 Adoption vs. 2030 Saturation

How different banking software segments progress from current state to terminal deployment.



Core Banking Modernization



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74%

Projected Core Banking Cloud Adoption by 2030

Up from just 1% in 2015 and 40% in 2025 as financial institutions decommission legacy monolithic cores in favor of modular cloud-native ledgers.

15-Year Cloud Deployment Matrix

Share of applications operating in the cloud by category across representative intervals.

APPLICATION CATEGORY	2015	2018	2021	2024	2025	2027 (P)	2030 (P)
Workplace & Enterprise Utilities	18%	35%	68%	84%	88%	93%	97%
Customer Channels & Engagement	10%	26%	56%	77%	82%	89%	95%
Data Analytics, BI & AI / ML	6%	18%	47%	71%	77%	86%	93%
Risk, Regulatory & Compliance	4%	13%	37%	61%	68%	78%	88%
Core Banking & Transaction Systems	1%	5%	14%	32%	40%	56%	74%
Weighted Total Cloud Portfolio Share	8.7%	20.9%	46.4%	66.5%	72.3%	81.3%	89.9%



Four Phases of Institutional Cloud Migration

How risk appetite and technology maturity paved the path to mainstream adoption.

2015 – 2018

Perimeter Testing

Strictly non-sensitive SaaS utilities.

2019 – 2022

Digital Channel Surge

Pandemic-driven front-office overhaul.

2023 – 2025

Core & GenAI Push

Cloud-native engines and LLM models.

2026 – 2030

Composable Standard

Terminal ~90% cloud steady state.

Community Banks and Credit Unions vs. Tier 1 Commercial & Global Banks

Divergent operational models drive distinct cloud migration strategies.

Community Banks and Credit Unions

Turnkey Speed: Accelerated SaaS migration via Core-as-a-Service providers.

Lean Infrastructure: Minimal on-premises engineering or physical servers.

Tier 1 Commercial & Global Banks

Hybrid Multi-Cloud: Custom deployments across AWS, Azure, and Google Cloud.

Mainframe Entanglement: Gradual hollowing out of massive legacy ledgers.

Concentration Risk: Heightened regulatory scrutiny of single-vendor dependencies



The Residual 10%: What Remains On-Premises?

Even in a 90% cloud world by 2030, specific systems intentionally remain localized.



Hardware Security Modules

Physical air-gapped cryptographic signing keys.



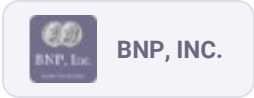
Ultra-Low Latency Rails

Sub-millisecond exchange matching engines.



Depreciating Legacy

End-of-life systems awaiting contractual expiration.



Authoritative Benchmark Sources

Empirical studies, longitudinal surveys, and regulatory reports informing this model.

Accenture Banking Cloud Altimeter (Vols. 1–6)

Longitudinal workload tracking across retail and commercial banking estates.

[accenture.com](https://www.accenture.com)

McKinsey & Company: Getting Ahead in the Cloud

Financial institution modernization trajectories and core migration business cases.

[mckinsey.com](https://www.mckinsey.com)

Gartner Research: Moving the Core Into the Cloud

Composable architectures and mission-critical cloud platform adoption rates.

[gartner.com](https://www.gartner.com)

Cornerstone Advisors & Celent Technology Reports

Community bank and credit union digital banking platform benchmarks.

[cornstone.com](https://www.cornstone.com) / [celent.com](https://www.celent.com)



EXECUTIVE CONCLUSION

Cloud is No Longer a Strategy. It is the Operating System.

Questions & Business Continuity Resilience

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