Cisco TIV Report

Score: 79.56% (358/450)

Category: Technology Adopter

Assessment Date: 2025-09-01

Section Summary

Section	TIV Score	Category
Part 1: Business & Strategy	15.56%	Technology Follower
Part 2: Apps & Data	30.67%	Technology Adopter
Part 3: Infrastructure	33.33%	Technology Leader
Total TIV Score	79.56%	Technology Adopter

Business & Strategy Analysis

Assessment of business strategy and technology leadership reveals organizational commitment to digital capabilities development through executive structure, strategic initiatives, and technology talent acquisition.

- Management structure includes a CTO and CIO, but lacks a dedicated CDO or Head of AI

- Strategic capabilities and initiatives include partnerships with AWS and Azure, and a focus on AI and cloud technologies

- Technology transformation programs include a $6 billion investment in R&D; focused on AI and cloud technologies

- AI/ML initiatives are supported by partnerships with Azure OpenAI

- Hiring velocity and tech talent acquisition data was not available

- Development opportunities and gaps include the need for a dedicated CDO and Head of AI, and increased focus on data literacy

Applications & Data Analysis

Technical platform evaluation demonstrates digital architecture maturity, data management sophistication, and customer experience optimization capabilities.

- Technology stack includes modern frameworks like React, REST APIs, and enterprise CMS

- Platform strengths include AI-driven recommendations, enterprise optimization platform, and Adobe Analytics for web analytics

- Website technology and performance is strong, with a modern CDN and monitoring stack
- Customer data and personalization is advanced, with AI-driven recommendations and comprehensive product strings
- Security features include OAuth2 for API security and OneTrust for consent management
- Enhancement areas include improving code quality and architecture health

Infrastructure Analysis

Infrastructure assessment shows cloud strategy implementation, security posture, and operational scalability aligned with modern technology practices.

- Cloud partnerships with AWS and Azure
- AI/ML infrastructure capabilities include model registry, feature store, and automated pipelines
- Data strategy includes modern data tools like Snowflake and Databricks
- CI/CD and deployment practices are fully automated
- Security and compliance measures include modern TLS, encryption-at-rest, Zero Trust architecture, and DevSecOps
- Modernization focus and opportunities include improving network and app security, and AI security

Evidence Gaps & Assumptions

Areas with insufficient evidence:
- Hiring volume for data and tech roles in the last 30 days
- Mix of data and tech roles hired in the last 30 days
- Mix of senior and junior roles hired in the last 30 days
- General data literacy

Recommendations

Key improvement areas based on gaps identified:
1. Appoint a dedicated Chief Data Officer and Head of AI
2. Increase focus on data literacy across the organization
3. Improve network and app security measures
4. Enhance AI security measures
5. Improve transparency in hiring practices and employee sentiment

Overall Assessment

Cisco demonstrates strong commitment to technology transformation and infrastructure modernization. The company shows strengths in strategic commitment, cloud partnerships, and data strategy but has opportunities to improve in areas such as data literacy, AI leadership, and security measures.

Evidence Sources

Leadership & Management:

- Company website: https://www.cisco.com/c/en/us/about/executive-leadership.html
- SEC filings

Financial & Investment:

- Company investor relations: https://investor.cisco.com
- Annual reports
- SEC filings with financial data

Technical & Performance:

- Company website: https://www.cisco.com
- API documentation
- Performance tools: https://blogs.cisco.com