

ONYEBUCHI IYASE

TASK

TechCorp IAM Platform Implementation Plan

Presentation Outline

- Title: TechCorp Enterprises: IAM Platform Implementation Plan
- Subtitle: A Strategic Roadmap for Secure Identity and Access Management
- Date: March 17, 2025

Executive Summary

- Comprehensive 18-month implementation plan
- Phased approach with clear milestones and deliverables
- Focus on minimizing business disruption
- Strategic alignment with TechCorp's growth and cloud transformation
- Risk-managed approach to integration challenges

Implementation Objectives

- Establish centralized identity governance
- Automate user lifecycle management
- Strengthen authentication and access controls
- Integrate with legacy and cloud environments
- Enable secure collaboration with partners
- Support regulatory compliance requirements
- Improve user experience and productivity

Implementation Approach Overview

- Visual: Timeline showing 4 phases over 18 months
 - Phase 1: Foundation (Months 1-4)
 - Phase 2: Core Capabilities (Months 5-9)
 - Phase 3: Advanced Features (Months 10-14)
 - Phase 4: Optimization (Months 15-18)
- Key principles: Business continuity, incremental value, risk management

Implementation Governance Structure

- Visual: Organizational chart showing:
 - Executive Steering Committee
 - IAM Program Manager
 - Technical Implementation Team
 - Business Process Team
 - Change Management Team
 - Security & Compliance Team
- Roles and responsibilities for each group
- Decision-making framework

Phase 1 - Foundation (Months 1-4)

- Key Activities:
 - Infrastructure setup and platform deployment
 - HR system integration for identity source
 - Core directory services implementation
 - Basic MFA deployment
 - Initial policy framework establishment
 - Pilot group identification
- Milestones:
 - M1.1: Platform environment ready (Month 1)
 - M1.2: HR integration complete (Month 2)
 - M1.3: Core directory services operational (Month 3)
 - M1.4: Pilot group onboarded (Month 4)
- Resource Requirements:
 - 2 IAM Architects
 - 3 IAM Engineers
 - 1 HR Systems Specialist
 - 1 Security Architect

Phase 2 - Core Capabilities (Months 5-9)

- Key Activities:

- User lifecycle automation implementation
- Single sign-on for primary applications
- Self-service access request portal
- Basic privileged access management
- Initial access certification campaigns
- First wave application onboarding
- Milestones:
 - M2.1: Automated provisioning live (Month 5)
 - M2.2: SSO for core applications (Month 7)
 - M2.3: PAM basic deployment (Month 8)
 - M2.4: First certification campaign (Month 9)
- Resource Requirements:
 - 2 IAM Architects
 - 4 IAM Engineers
 - 2 Application Integration Specialists
 - 1 Business Analyst
 - 1 Change Management Specialist

Phase 3 - Advanced Features (Months 10-14)

- Key Activities:
 - Contextual authorization implementation
 - Advanced MFA and passwordless options
 - Privileged session monitoring
 - Cloud service provider integrations
 - Partner/contractor identity management
 - API security with OAuth/OIDC
- Milestones:
 - M3.1: Contextual authorization live (Month 10)
 - M3.2: Advanced authentication methods (Month 12)
 - M3.3: Cloud IAM integration complete (Month 13)
 - M3.4: External identity management live (Month 14)
- Resource Requirements:
 - 1 IAM Architect
 - 3 IAM Engineers
 - 2 Cloud Security Specialists
 - 1 UX Designer

- 1 Business Analyst

Phase 4 - Optimization (Months 15-18)

- Key Activities:
 - Performance tuning and scalability testing
 - Advanced analytics and reporting
 - Policy refinement and optimization
 - User experience improvements
 - Knowledge transfer and documentation
 - Long-term support model establishment
- Milestones:
 - M4.1: Performance optimization complete (Month 15)
 - M4.2: Advanced analytics dashboard (Month 16)
 - M4.3: Documentation finalized (Month 17)
 - M4.4: Support transition complete (Month 18)
- Resource Requirements:
 - 1 IAM Architect
 - 2 IAM Engineers
 - 1 Data Analyst
 - 1 Technical Writer
 - 1 Training Specialist

Application Onboarding Strategy

- Visual: Wave-based approach diagram
 - Wave 1: HR, Finance, and core IT systems (Month 5-7)
 - Wave 2: Engineering and product development tools (Month 8-10)
 - Wave 3: Collaboration and productivity tools (Month 11-13)
 - Wave 4: Customer-facing and partner systems (Month 14-16)
 - Wave 5: Legacy applications (Month 17-18)
- Prioritization criteria
- Onboarding process flow

Integration Challenges & Strategies

- Challenge 1: Legacy Systems Integration
 - *Strategy:* Middleware connectors with custom adapters
 - *Approach:* Pattern-based integration with abstraction layer
 - *Risk mitigation:* Parallel operations during transition
- Challenge 2: Cloud Services Integration
 - *Strategy:* Federation standards (SAML/OAuth) with monitoring
 - *Approach:* Identity bridge architecture
 - *Risk mitigation:* Step-by-step migration with testing
- Challenge 3: Disparate Data Formats
 - *Strategy:* Data normalization layer with transformation rules
 - *Approach:* Attribute mapping workshop for each system
 - *Risk mitigation:* Data quality verification processes

Legacy System Integration - Deep Dive

- Visual: Architecture diagram showing:
 - Legacy adapter layer
 - Transformation services
 - API gateway
 - Monitoring and reconciliation components
- Implementation steps for legacy integration
- Testing approach for legacy connections
- Performance considerations
- Fallback procedures during transition

Cloud Integration Architecture

- Visual: Diagram showing:
 - On-premises identity components
 - Cloud identity bridge
 - Federation services
 - Multi-cloud connectors
 - Unified governance layer
- Cloud-specific implementation considerations
- Security controls for cloud identities
- Monitoring across hybrid environment

Identity Data Quality Strategy

- Data cleansing approach for initial migration
- Ongoing data quality maintenance
- Attribute authority mapping
- Conflict resolution procedures
- Reconciliation processes and schedules
- Data quality metrics and KPIs

Change Management & Training Plan

- Stakeholder impact assessment
- Communication strategy by audience
- Training curriculum by user type:
 - End users
 - IT support staff
 - System administrators
 - Business managers
- Transition support model
- Success measurement approach

Risk Management Approach

- Visual: Risk matrix with mitigation strategies
- Key implementation risks identified:
 - Business disruption during cutover
 - Integration failures with critical systems
 - User adoption challenges
 - Performance impacts
 - Security gaps during transition
- Contingency plans for high-impact risks
- Risk monitoring approach throughout implementation

Business Continuity During Implementation

- Parallel operations strategy
- Rollback procedures
- Emergency access provisions
- Business-critical system considerations
- Maintenance windows and communication plan
- Testing strategy before production cutover
- Support escalation procedures

Success Metrics & KPIs

- Implementation Metrics:
 - Milestone achievement rate
 - Budget adherence
 - Resource utilization
 - Defect rates and resolution times
- Business Impact Metrics:
 - User provisioning time reduction
 - Help desk ticket reduction
 - Authentication success rates
 - Security incident reduction
 - User satisfaction scores
 - Compliance audit findings

Alignment with Business Objectives

- Growth Support:
 - Scalable architecture supporting 5,000+ users
 - Automated onboarding reducing time-to-productivity
- Security Enhancement:
 - Modern authentication reducing compromise risk
 - Privileged access controls protecting critical assets
 - Continuous access governance preventing accumulation
- Operational Efficiency:
 - Self-service reducing administrative overhead
 - Automation eliminating manual processes
 - Integration reducing duplicate maintenance
- Competitive Advantage:
 - Faster partner onboarding
 - Secure customer data handling
 - Agile technology adoption

Budget & Resource Summary

- Visual: Budget allocation chart by phase and category
- Total implementation budget breakdown
- Internal resource commitments by department
- External resource requirements
- Technology and licensing costs
- Ongoing operational costs post-implementation

Critical Success Factors

- Executive sponsorship and visibility
- Business process alignment
- User experience focus
- Data quality management
- Effective change management
- Technical expertise availability

- Vendor partnership quality
- Realistic timeline management
- Incremental business value delivery

Implementation Roadmap - Integrated View

- Visual: Comprehensive timeline showing:
 - All phases and major activities
 - Key dependencies
 - Resource allocation periods
 - Business impact periods
 - Major milestones and decision points
 - Critical path activities

Next Steps

- Executive approval process
- Vendor selection finalization
- Implementation team formation
- Kickoff timeline
- Initial planning workshops
- Immediate priorities for Month 1

Q&A

- Contact information
- Supporting materials available
- Follow-up process

Appendix - Detailed Timeline

- Gantt chart with detailed tasks, dependencies, and resources

Appendix - Detailed Resource Plan

- Resource loading chart with skill requirements
- Internal vs. external resource mix

Appendix - Technical Architecture Diagram

- Detailed solution architecture showing all components
- Integration points with existing systems
- Security controls across the architecture

Appendix - Application Integration Details

- Application inventory with integration approaches
- Authentication methods by application
- Data flow diagrams for key integrations

Appendix - Vendor Selection Criteria

- Platform selection methodology
- Key capabilities assessment
- Total cost of ownership analysis
- Implementation support evaluation

Appendix - Business Process Impact

- Process modification requirements
- Process owner engagement model
- Process transition approach