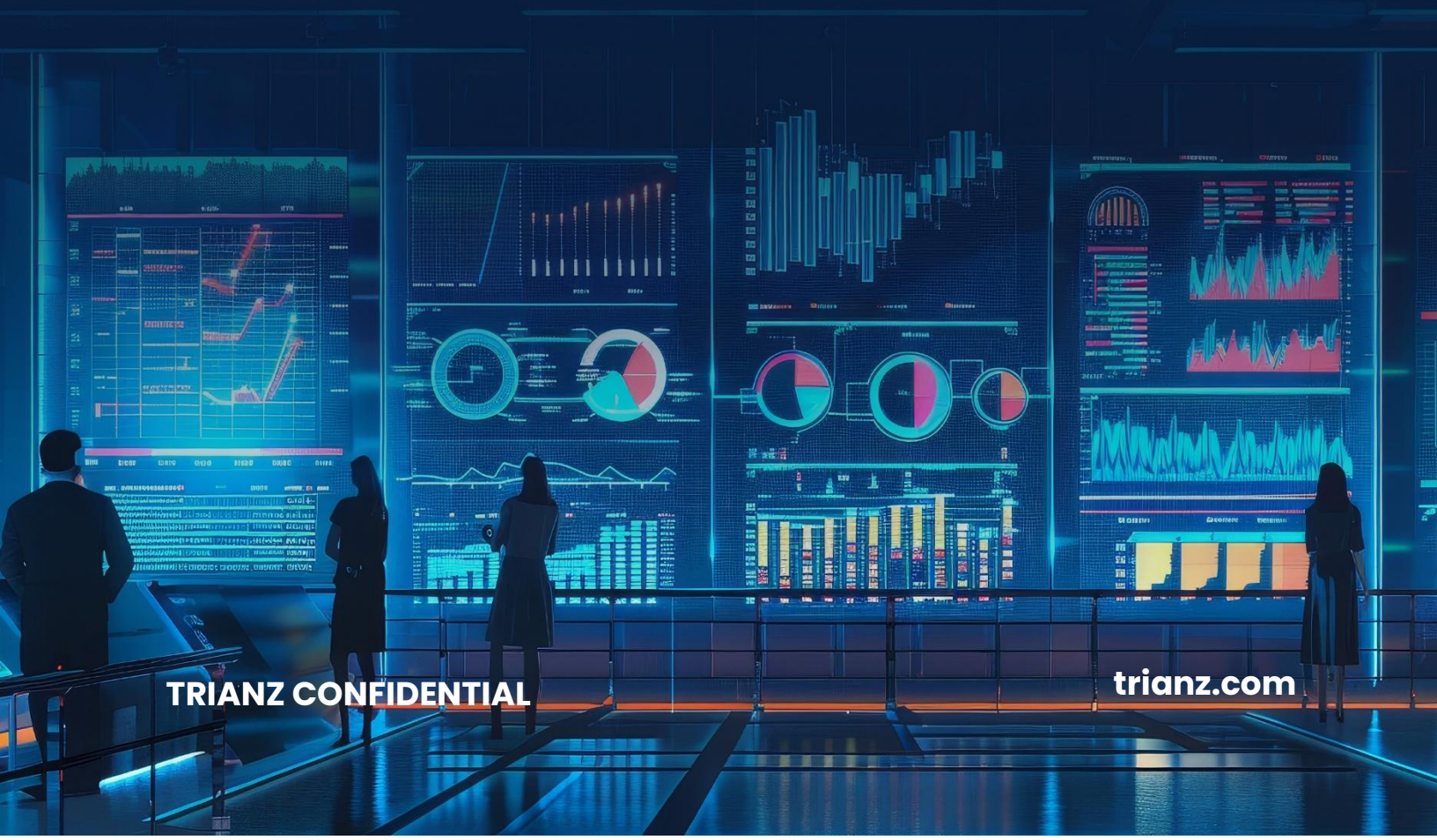




CONCIERTO MODERNIZE

Product Data Sheet

Enterprise-Grade AI-Powered Application & Database Modernization Platform



TRIANZ CONFIDENTIAL

trianz.com

Table of Contents

Contents

1. MODERNIZING FOR THE AI ERA	4
2. PLATFORM OVERVIEW	4
3. SOLUTION OVERVIEW	4
4. BUSINESS OUTCOMES.....	5
5. WHAT YOU CAN DO	6
6. KEY CAPABILITIES	6
7. COMPASS: AI-POWERED DEEP CODE ASSESSMENT	7
8. TRANSFORM STUDIO: PRECISION AGENTIC AI TRANSFORMATION ENGINE.....	8
9. CONTINUOUS MODERNIZATION LIFECYCLE	10
10. PLATFORM DIFFERENTIATORS	10
11. COMPETITIVE POSITIONING	12
CAPABILITY COMPARISON	12
12. TECHNICAL SPECIFICATIONS.....	13
SUPPORTED TECHNOLOGIES	13
PLATFORM ARCHITECTURE.....	14
SECURITY & COMPLIANCE	14
13. PLATFORM INTEGRATION	14
CONCIERTO ECOSYSTEM BENEFITS	14
14. PRICING MODELS.....	15

PLATFORM LICENSE	15
Consumption Model	16
Support Tiers.....	16
<u>15. CONTACT & NEXT STEPS</u>	16
START YOUR MODERNIZATION JOURNEY	16



1. Modernizing for the AI Era

Enterprises today face an urgent mandate to move beyond legacy application estates that are costly to maintain and slow to evolve. Monolithic architectures tightly coupled dependencies, and outdated frameworks limit scalability and innovation. Modernization is no longer just about efficiency—it is about enabling the next wave of enterprise capability. That next wave is AI. Organizations must become AI-ready—not for pilot projects, but for production-scale LLM integration and agentic workflows. The modernization decisions made today will determine whether they lead in AI-powered operations—or fall behind

2. Platform Overview

CONCIERTO MODERNIZE is an AI-powered application & database modernization platform built on a hybrid architecture — combining 5,000+ deterministic rules with AI to deliver end-to-end modernization from assessment through transformation. Assess entire polyglot portfolios at hypersonic speed — scanning 1,000+ applications in parallel with built-in CVE scanning, precise technical debt calculation, and cloud-readiness evaluation — delivering confidence-scored modernization pathways linked to business impact. Transform across six M-pathways simultaneously, compressing enterprise modernization initiative from years to quarters.

3. Solution Overview

The platform delivers through two integrated modules.

Modernize Compass scans entire polyglot portfolios — with encrypted scanning ensuring source code never leaves customer-controlled environments, role-based access control and comprehensive audit trails protecting intellectual property throughout.

Compass then applies multi-agent reasoning across 25+ transformation factors to recommend the optimal path for each application: upgrade, refactor, containerize, re-architect, microservices, or serverless.

Legacy applications often carry years of undocumented changes — eroded documentation, lost tribal knowledge, dependency maps that no longer reflect reality. Compass rebuilds this institutional knowledge directly from code, generating as-is

architecture diagrams, business flow documentation, and technical specifications that give teams complete visibility into what they're modernizing.

Transform Studio then executes — autonomous AI agents handle refactoring, containerization, and cloud optimization with deterministic rules ensuring consistency and quality at every step. Human-in-the-loop governance means every transformation is reviewed, approved, and auditable before code changes take effect.

4. Business Outcomes

Outcome Category	Key Benefits
Speed to Modern Architecture	Compress modernization timelines dramatically versus traditional approaches: - Up to 80% timeline reduction - Version upgrades: months → weeks
Cost Optimization	Reduce infrastructure and operational costs: 30–40% cost savings through automation - Eliminate \$2M–\$10M consulting fees - Transparent cost model eliminates scope creep - Optimize cloud infrastructure expenses
Risk Reduction	- Eliminate security vulnerabilities and compliance risks - Eliminate unsupported version risks (Java 8 EOL, .legacy .NET) - Identify high severity vulnerabilities
Strategic Freedom	Break vendor lock-in: Break free from proprietary ecosystems
Innovation Velocity	Accelerate AI/ML integration and feature delivery: - Applications ready for cloud-native AI services - Faster release and iteration cycles

Speed and cost reductions will vary customer to customer based on readiness and specific use cases.

Timeline estimates based on application complexity; customer responsibilities include prerequisite environment setup, stakeholder approvals, and post-transformation validation.

5. What You Can Do

CONCIERTO MODERNIZE enables comprehensive application transformation through six integrated M-Pathways, each addressing specific modernization needs from version upgrades to complete architectural re-platforming. Each pathway supports component-level transformation, enabling teams to select and modernize specific components within applications independently – delivering phased, low-risk modernization:

M-Pathway	Description
M-Upgrade Version & Framework Modernization	Transform applications to modern supported versions and frameworks with automated code refactoring
M-Basic Cloud Readiness Transformation	Prepare legacy applications for cloud deployment with automated cloud blocker identification and remediation
M-Containerize Container-Ready Deployment	Modernize applications into production-ready containerized deployments with automated blocker remediation
M-Microservices Cloud-Native Architecture	Decompose monolithic applications into scalable microservices architectures
M-Serverless Event-Driven Transformation	Refactor applications to serverless architectures leveraging FaaS capabilities
M-Microserv-Container Holistic Metamorphosis	Transform monolithic applications through complete re-architecture into microservices and containerization for cloud-native deployment

Success timelines depend on customer completing code reviews, environment provisioning, security approvals, and User Acceptance Testing. **CONCIERTO** automates transformation execution; customers retain control over business logic validation and production deployment timing.

6. Key Capabilities

CONCIERTO MODERNIZE delivers end-to-end modernization capabilities through two integrated engines: COMPASS for scan, assessment and recommendation, and Transform Studio for automated transformation execution.

7. COMPASS: AI-Powered Deep Code Assessment

COMPASS delivers intelligence at two critical levels:

Portfolio-Level Assessment – Enterprise-wide visibility across 1,000+ applications with comprehensive demographics analysis, R-Factor (Rehost, Replatform, Refactor, Rearchitect) recommendations for each application, portfolio rationalization metrics, investment prioritization scoring, and executive dashboards for strategic decision-making.

Application Code Assessment – Deep technical analysis with a combination of 5,000+ deterministic rules and autonomous AI agents across six integrated dimensions

Capability	Description
Multi-Dimensional Code Analysis	Six integrated assessment dimensions: • Cloud Readiness (Cloud Compatibility) • Containerization Compatibility (Software Portability) • Code Sustainability • Code Security • Open-Source Vulnerabilities • DB dependency analysis
Polyglot Application Support	Multi-language repository analysis covering enterprise(Java, JavaScript, .NET, PHP, Node.js, Python, C, C++, Swift, Scala, Dart, Kotlin, Elixir, Julia, Conda, Rust, Ruby) mapped to modern and/or legacy frameworks
Broad Coverage, Deep Precision	Analysis from code quality to cloud blockers to security vulnerabilities, identifying violations at exact line level with severity classification and remediation direction.
Parallel Portfolio Scanning	Assess entire portfolios in parallel using multi-instance deployment versus months accessing single-app infrastructure
Flexible Scanning Options	Online scanning (repository integration, source code upload) and offline scanning (CLI-based with Windows/Linux support) for air-gapped and secure environments
Intelligent Tech Stack Identification	Automated detection of languages (Java, .NET, etc.), frameworks and libraries with implementation patterns, complete technology manifests
GenAI-Powered Documentation	As-Is document generation extracting value propositions from code • Business Flow diagrams • Business Requirements Specification • Technical Architecture • Technical summary • Technical details specification • Business Logic Extraction • Functional Test Case document For DB modernization – ER Diagram, data model diagram, detailed DB documentation

4-Tier Drill-Down Intelligence	Portfolio → Application → Component → File/Line violation analysis enabling executive decisions and developer execution
Company-Specific Modernization Rules	Customize scanning profiles and transformation rules based on organizational standards, compliance requirements, technology preferences
Enterprise Security & Governance	BYOL (Bring Your Own LLM), RBAC/IAM, comprehensive audit trails, configurable analysis profiles, SOC 2 Type II, ISO 27001 compliance



8. TRANSFORM STUDIO: Precision Agentic AI Transformation Engine

Capability	Description
AI-Powered Pathway Recommendations	Proprietary algorithms analyze code quality, cloud/containerization compatibility, infrastructure

Capability	Description
	evaluation, and business context for tailored modernization approaches
Comprehensive Risk vs. Benefits Analysis	- Detailed risk assessments (cloud/containerization impact vs. specific migration challenges) - Performance, scalability, security, and cost analyses
Configurable Transformation Planning	- Component-specific or global application settings - Language and framework version selection - Cloud provider-specific configuration options
Blocker Identification & Resolution	- Automated blocker remediation with severity classification (Mandatory, Potential, Optional) - Repository smart analysis showing remediation paths
Agentic AI Transformations	Dual AI architecture combining deterministic rules with AI capabilities for context-aware transformation
Zero-Code Transformation Engine	- Configure sophisticated modernization sequences with code chainability - Conditional logic integration for adaptive workflow
Org Hierarchy & SDLC Integration	- End-to-end transformation with Human-in-the-Loop (HITL) validation for review, approval, and control before execution. - CAB approval workflows, automated testing, source control integration
Unified Platform Modernization	Combined with CONCIERTO MIGRATE for simultaneous infrastructure and application transformation in a single platform
Comprehensive Artifact Generation	Automatic creation of transformed code, pre/post transformation reports, Docker files, Kubernetes manifests, deployment scripts, migration guides
Platform Flexibility	Deploy to AWS with containerization technology choice (Docker, Kubernetes, OpenShift) and cloud-optimized configuration options
Automated Testing Studio	AI-driven test case generation from requirements and user stories • Unit testing frameworks generation (JUnit, NUnit) • Functional testing automation

Capability	Description
Transformation Visualization	Current state to target state visual flow • Component diagrams and dependency maps • Progress tracking and status monitoring
Integrated UI Transformation	Holistic transformation layer that modernizes user interfaces alongside application code • Legacy UI patterns migrated to modern frameworks (Angular, React, Vue) • Responsive design implementation for mobile and web experiences • Accessibility compliance built into transformed interfaces • Brand consistency maintained across modernized application portfolios

9. Continuous Modernization Lifecycle

Capability	Description
Assessment-Driven Prioritization	Comprehensive code assessment combined with business context enables business-driven modernization prioritization based on risk, technical debt, and business value
Progressive Modernization Pathways	M-Upgrade → M-Containerize → M-Microservices progression enables incremental value delivery without complete rewrites
Integration with MIGRATE	Migration discovery data automatically informs modernization candidates eliminating redundant assessment
Workflow Governance	CAB approval workflows, custom-defined SDLC workflows, stakeholder sign-offs, audit trails for enterprise governance and compliance

10. Platform Differentiators

Simultaneous Modernizations at Enterprise Scale	Zero Operator Access (ZOA) Architecture	Company-Specific Modernization Rules	Unified Platform Intelligence
CONCIERTO's parallel processing architecture enables simultaneous modernization of dozens or hundreds of	CONCIERTO operates with Zero Operator Access, ensuring customer code and data never leave secure environments. All	Customize CONCIERTO's transformation engine with company-specific rules reflecting organizational standards,	CONCIERTO MODERNIZE integrates seamlessly with MIGRATE, MANAGE, MAXIMIZE, and INSIGHTS & AGENTIC AI for compound

Simultaneous Modernizations at Enterprise Scale	Zero Operator Access (ZOA) Architecture	Company-Specific Modernization Rules	Unified Platform Intelligence
applications rather than sequential transformation queues. Assess 1,000+ applications in days versus months with distributed scanning infrastructure. Execute parallel transformation streams across multiple M-Pathways simultaneously – modernize Java applications while containerizing .NET workloads in the same timeframe. AI-powered automation scales modernization velocity beyond human capacity constraints, compressing enterprise-wide transformation programs from multi-year initiatives to quarters.	transformations are executed within customer-controlled infrastructure with no Trianz operator access to source code, intellectual property, or sensitive business logic. This architecture meets the most stringent enterprise security requirements while delivering comprehensive modernization capabilities.	compliance requirements, architectural preferences, and technology governance. Organizations define custom scanning profiles, transformation patterns, and approval workflows aligned with internal policies. This ensures modernization outcomes meet corporate standards rather than generic industry best practices.	intelligence across transformation lifecycle. Migration discovery data automatically informs modernization candidates eliminating redundant assessment. Modernization patterns feed cost optimization recommendations. Platform intelligence continuously learns and improves across every transformation, creating compounding value that isolated point solutions cannot deliver.

Coordinated Application & Database Modernization

Most modernization efforts fail because application and database transformations are handled as separate workstreams by different teams. CONCIERTO MODERNIZE extends end-to-end continuity to database modernization – coordinated, sequential flow that maintains referential integrity and minimises risk. Handles complex heterogeneous database transformations: SQL Server to PostgreSQL, Oracle to PostgreSQL – eliminating licensing costs and enabling true cloud-native database architectures.



11. Competitive Positioning

Capability Comparison

Capability	CONCIERTO MODERNIZE	CSP Native Tools	Developer Product
Technology Breadth	Java, .NET, JSP, VB.Net, TypeScript, Python, PHP, C++, JavaScript/NodeJS	Limited (.NET only or Java only)	Primarily .NET or Java focused
Assessment Depth	5,000+ rules across code quality, cloud fit, security, technical debt	Basic compatibility analysis	Code quality focus only

Capability	CONCIERTO MODERNIZE	CSP Native Tools	Developer Product
Transformation Scope	Version upgrade, containerization, microservices, platform migration, database modernization	Framework upgrade only	Code refactoring + IDE integration
Enterprise Governance	HITL workflows, CAB approvals, audit trails, stakeholder testing, audit trails	Limited governance controls	Individual developer workflows
Portfolio Intelligence	1,000+ app parallel assessment, executive dashboards	Single application focus	Project-level visibility
Database Modernization	Complete database transformation (SQL Server to PostgreSQL, Oracle to PostgreSQL)	Limited or no database support	No database capabilities
Testing Automation	Comprehensive test generation and execution	Manual testing required	Basic unit test frameworks
UI Modernization	Legacy UI → Angular/React/Vue, responsive design, accessibility compliance	Not available	Limited IDE-level support
Production Readiness	Complete deployment artifacts, CI/CD pipelines	Code output only	IDE integration focus

12. Technical Specifications

Supported Technologies

Category	Technologies
Programming Languages	Java (8, 11, 17, 21) • .NET Framework (.NET 4.x to .NET 5/6/7/8) • Python (2.x to 3.x) • PHP (5.x to 8.x) • C/C++ • JavaScript/Node.js, Swift, Scala, Dart, Kotlin, Elixir, Julia, Conda, Rust, Ruby
Frameworks	Spring • Spring Boot • Hibernate • Struts • ASP.NET • .NET Core • Jakarta EE • Micronaut • Quarkus • Django • Flask

Databases	SQL Server • PostgreSQL • Oracle • MySQL • DB2 • Teradata • MongoDB • Cassandra
Container Technologies	Docker • Kubernetes • OpenShift • AWS ECS/EKS • Azure AKS • Google GKE • Fargate

Platform Architecture

- **Deployment Model:**
 - **SaaS with Local Scanning** — encrypted metadata uploaded, source code never leaves customer network
 - **Hosted/On-Premises** — full platform deployed in client environment
- **Scalability:** Portfolio assessment of 1,000+ applications within days; parallel transformation processing
- **Processing:** AI-powered analysis leveraging Amazon Bedrock foundation models on AWS infrastructure
- **Performance:** 80% acceleration versus traditional approaches

Security & Compliance

Category	Details
Compliance Frameworks	CSA Star • ISO 27001:2022 • SOC 2 Type II • Industry-specific regulatory requirements
Data Protection	Encryption at rest and in transit • Zero data persistence in platform • Customer data sovereignty preserved • BYOLLM (Bring Your Own LLM)
Access Control	Role-based access control (RBAC) • Single Sign On (SSO) • Segregation of duties • Organizational hierarchy support
Audit & Logging	Comprehensive audit trails for all transformations • Real-time monitoring • Compliance validation workflows

13. Platform Integration

CONCIERTO Ecosystem Benefits

CONCIERTO MODERNIZE works seamlessly with:

- **MIGRATE** – Migration discoveries automatically inform modernization candidates; no redundant assessment effort; faster time-to-value with shared intelligence

- **MANAGE** - Modernized applications automatically integrate with unified operations platform; complete configuration baseline established during transformation
- **MAXIMIZE** - Modernization patterns inform cost optimization opportunities; containerization enables granular resource optimization; continuous optimization from day one
- **INSIGHTS & AGENTIC AI** - Modernization intelligence feeds federated data platform; application characteristics inform AI-powered recommendations; continuous learning improves future modernization decisions
- **CONTINUOUS INTELLIGENCE** - Every modernization generates insights that improve platform recommendations, optimize future transformations, and compound value across your entire application portfolio.

14. Pricing Models

Platform License

Tier	Description	Ideal Use Case
Assessment Only	COMPASS deep code scanning and assessment with AI-powered recommendations and modernization pathway analysis	Portfolio rationalization and modernization pathway analysis
Single M-Path	Complete transformation capability for one modernization pathway (M-Upgrade, M-Containerize, or M-Basic)	Targeted modernization initiatives with a single pathway
Multi M-Path	Full transformation studio access across all modernization pathways with progressive modernization capability	Enterprise-wide modernization programs requiring multiple pathways and progressive transformation
Enterprise Platform	Complete CONCIERTO platform access (MODERNIZE + MIGRATE + MANAGE + MAXIMIZE + INSIGHTS & AGENTIC AI)	Organizations executing complete enterprise transformations

Consumption Model

- **Application-Based Pricing:** Per-application assessment and transformation with tiered pricing based on application size (lines of code) and complexity
- **Portfolio Pricing:** Volume discounts for large portfolios (100+ applications) with annual subscription options
- **Outcome-Based Pricing:** Success-based pricing tied to modernization milestones and business outcomes

Support Tiers

- **Standard Support:** Business hours support, documentation access, community forums, 24-hour response SLA
- **Premium Support:** 24/7 support, dedicated technical account manager, 4-hour response SLA, quarterly business reviews
- **Concierge Support:** White-glove transformation guidance, dedicated modernization architects, custom training programs, executive sponsorship

Contact Trianz for detailed pricing based on your specific modernization requirements and portfolio size.

15. Contact & Next Steps

Start Your Modernization Journey

- **Assessment Engagement** Begin with COMPASS portfolio assessment to gain complete visibility into technical debt, prioritize modernization candidates, and develop data-driven transformation roadmap.
- **Pilot Program Execute** targeted pilot modernization on 3-5 applications to prove business case, validate approach, and build organizational confidence before enterprise rollout.
- **Enterprise Transformation Launch** comprehensive modernization program with phased execution, continuous value delivery, and progressive capability maturity.





Thank You

reach@trianz.com



The content in this document is copyrighted; any unauthorized use – in part or full – may violate the copyright, trademark, and other laws. This document may not be modified, reproduced or publicly displayed, performed or distributed, or used for any public or commercial purposes. The Trianz name and its products are subject to trademark and copyright protections, regardless of how and where