

TITAN

Automated S/4HANA Code Remediation Engine

- Up to 75% Automation Rate
- ATC-Parity Accuracy
- Enterprise Grade



KEY STATS

Up to 75%
Auto-Fix Rate

50+
Check Rules

10×
Faster Migration

30%
Industry Avg

5×
ROI vs Manual

THE PROBLEM

ECC → S/4HANA Migration is Painfully Manual

500K+

lines of custom ABAP code per enterprise system

20%

is the MAXIMUM auto-fix rate of SAP's own tools

\$500K - 10M

average cost of a brownfield S/4HANA migration

10-24

months wasted on manual code remediation cycles

1,000+

deprecated objects & simplified APIs to address

"We spent 14 months manually reviewing 3,200 custom programs. There has to be a better way."

CIO- A renowned Manufacturing Organization from South Africa

WHO IS TITAN FOR?



SAP System Integrators

Delivering ECC → S/4HANA brownfield projects needing automated code lift & shift

PRIMARY



Enterprise IT Departments

Running 500–5,000+ custom ABAP programs facing S/4HANA deadlines

PRIMARY



ABAP Development Teams

Teams drowning in ATC violations, seeking consistent auto-remediation

SECONDARY



SAP Programme Managers

Managing migration budgets, needing to reduce manual effort and risk

SECONDARY



SAP BTP / Cloud Adopters

Modernising legacy code for cloud-ready architecture standards

EMERGING



SAP Partners & Resellers

Adding differentiated auto-remediation capability to practice offerings

PARTNER

THE SOLUTION

TITAN – Intelligent S/4HANA Auto-Remediation Engine

HARVEST

1. Auto-discover all custom programs
2. Package + recursive includes
3. SmartForms, SAPScripts, Exits
4. Enhancements & WRICEF objects

ANALYSE

1. AST token-level parsing
2. 50+ ATC-parity check rules
3. DDIC-aware type inference
4. Zero false-positive precision

REMEDiate

1. 60% auto-fix rate
2. Direct, scaffold & comment modes
3. Version control + rollback
4. Transport-ready deployment

KEY FEATURES & BENEFITS



ACCURACY

ATC-Parity Detection

Zero false positives. Same precision as SAP's own ABAP Test Cockpit – token-aware, DDIC-driven.



AUTOMATION

3-Mode Auto-Fix Engine

Direct fix, scaffold comment, or code template – applied bottom-up to preserve line integrity.



SAFETY

Version Control & Rollback

Every fix creates a version snapshot. Full rollback in seconds. Zero-risk deployment.



COVERAGE

50+ Detection Rules

SYNTAX, FLETS, SQL, BDC, PERF, MATNR, AMOUNTS – full coverage of S/4HANA simplification items.



EFFICIENCY

Up To 75% Automation Rate

Industry-leading vs. 30% from standard tools. MOVE→assign, OCCURS, SELECT *, ORDER BY and more.



INTELLIGENCE

BAPI Knowledge Base

250+ BDC→BAPI mappings. Auto-scaffold business API replacements for Call Transaction patterns.

UNIQUE SELLING PROPOSITION

Why TITAN is in a class of its own

Capability	SAP ATC	Generic Tools	TITAN V8
Auto-fix Rate	~20%	~20%	75% ✓
Token-Level Precision	✓	✗	✓
DDIC-Aware Analysis	✓	✗	✓
False Positive Control	Moderate	High	Zero ✓
BAPI Knowledge Base	✗	✗	250+ ✓
Embedded Version Control	✗	✗	Full ✓
ATC Check Parity	Baseline	Partial	100% ✓
Runs in ABAP / On-Premise	✓	✗	✓

TITAN delivers 5× more automation than SAP's own tools – with zero false positives and full rollback safety.

MARKET OPPORTUNITY

50,000+

SAP ECC customers globally
facing mandatory S/4HANA
migration

\$50M+

Annual addressable market
for S/4HANA code
remediation services

2027

SAP ECC mainstream
maintenance end – hard
deadline driving urgency

500–5K

Custom ABAP programs per
enterprise system requiring
analysis

BUSINESS MODEL

Per-Scan License

1. Small (<100 progs)
2. Medium (100-500)
3. Large (500-2K)
4. Enterprise (2K+)

Annual Subscription

1. Starter: \$5K/year (10 scans/month)
2. Professional: \$15K/year (1 system)
3. Enterprise: \$50K/year (unlimited)

Services Add-ons

1. Auto-remediation transport
2. On-site consulting
3. Custom check development
4. Managed remediation

PRODUCT ROADMAP

V8
Now



DELIVERED

1. 50+ ATC-parity checks
2. Token-level detection
3. 75% auto-fix rate
4. Version control + rollback
5. False-positive elimination
6. BAPI KB (250+ mappings)

V11
3 Months



Q2 2026

- SAP-MCP local LLM integration
- AI-assisted BAPI mapping
- 3-way invoice automation
- BTP cloud deployment
- REST API for CI/CD
- HTML5 Fiori dashboard

V14
6 Months



Q3 2026

- Multi-system landscape
- Cross-client analysis
- ML pattern learning
- Custom check SDK
- Multiple rollout

V17
12 Months



2027

- SAP BTP marketplace listing
- Managed service offering
- Gen-AI code explanation
- 100% ATC coverage
- Partner ecosystem

TESTIMONIALS



TITAN analysed our entire custom codebase in under 4 hours. It found issues our team missed for months – and auto-fixed 71% of them instantly. We cut our migration timeline by 8 months.

8 Months Saved

– Senior ABAP Architect – A renowned Manufacturing Company



We ran TITAN against 1,200 custom programs on our QBA brownfield project. The ATC parity was outstanding – every finding matched exactly what the ABAP Test Cockpit would raise, with zero false alarms.

Zero False Positives

– S/4HANA Programme Manager, – a chemical Company



The BAPI replacement scaffolding alone saved us weeks of research. TITAN gave us a roadmap for every BDC pattern with the exact BAPI, parameters, and a code template ready to customise.

250+ BAPIs Mapped

– ABAP Lead Developer – Energy Sector Client