DeepNex42 Performance: The Competitive Edge for Professional Team Sports.

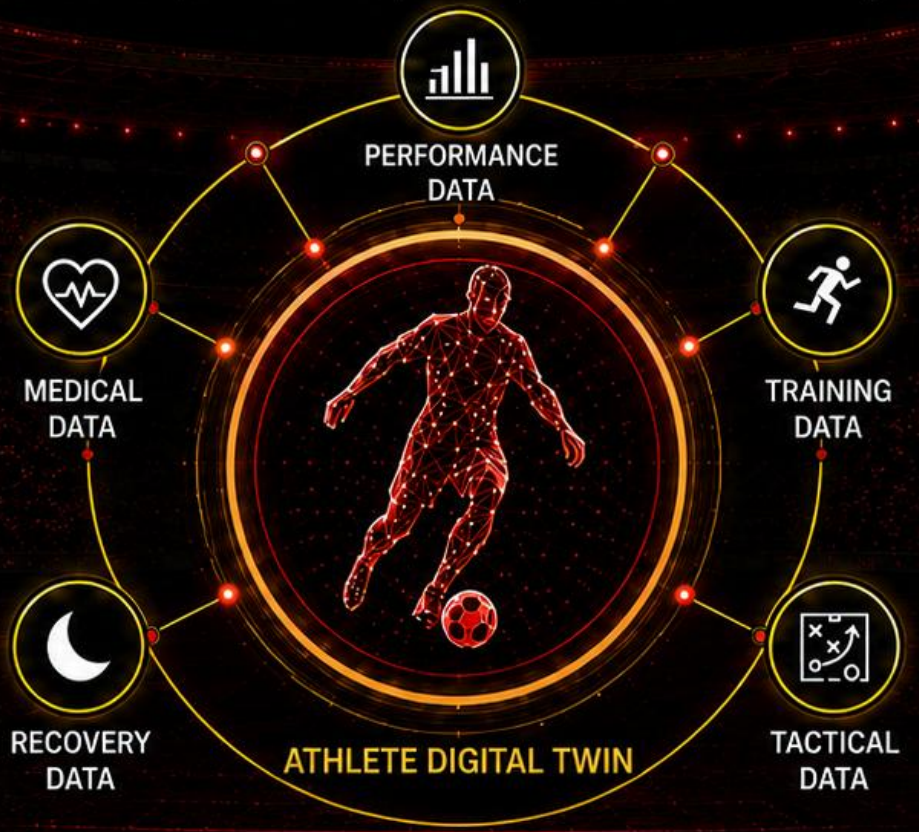
A first view on where DeepNex42 can create measurable value for performance, health, and decision-making.

01
Injury Prediction & Early Warning

Detect workload spikes, reduced recovery, and recurring risk patterns before they become costly injuries.

02
Individual Training Optimization

Adapt intensity, recovery, and readiness planning for each athlete based on integrated data.



03
Tactical Workload Management

Support match-minute, substitution, and role decisions with live physical and performance context.

04
Recruitment & Return-to-Play Intelligence

Reduce transfer risk and improve rehabilitation decisions with objective, athlete-specific insights.

From isolated data sources to **one intelligent decision system.**

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Your roadmap through data-driven decision intelligence in professional sports.

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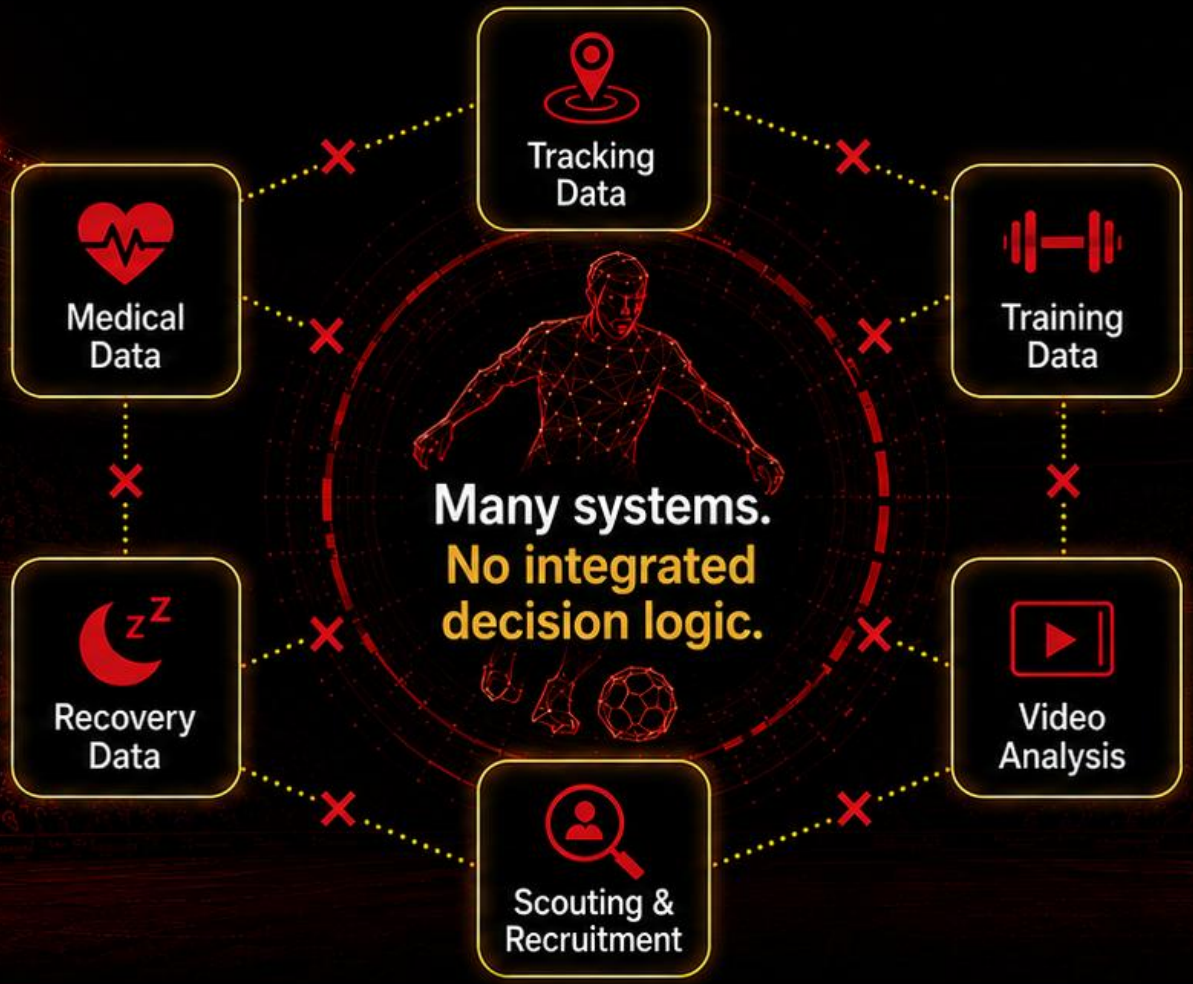
From data silos to **informed decisions.**

1

Why today's sports data stack falls short

Professional teams use many systems, but they rarely operate as one integrated decision system.



WHAT THIS CAUSES

- No semantic connections across systems
- No causal analysis of workload and risk
- Limited predictive intelligence
- Fragmented decision-making across staff

As a result, warning signs are often detected too late.

From disconnected data silos to **one intelligent decision system.**

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THE CORE PROBLEM

Teams see data points, but not the cause-and-effect chains behind injury risk.

- High sprint load
- Reduced HRV
- Previous muscle injury

High sprint load + Reduced HRV + Previous muscle injury =

Increased injury risk

WHY THIS MATTERS

- Teams often see isolated signals
- The causal pattern remains hidden
- Warning signs are recognized too late
- Decisions are made without full risk context

As a result, preventable injuries may be detected too late.

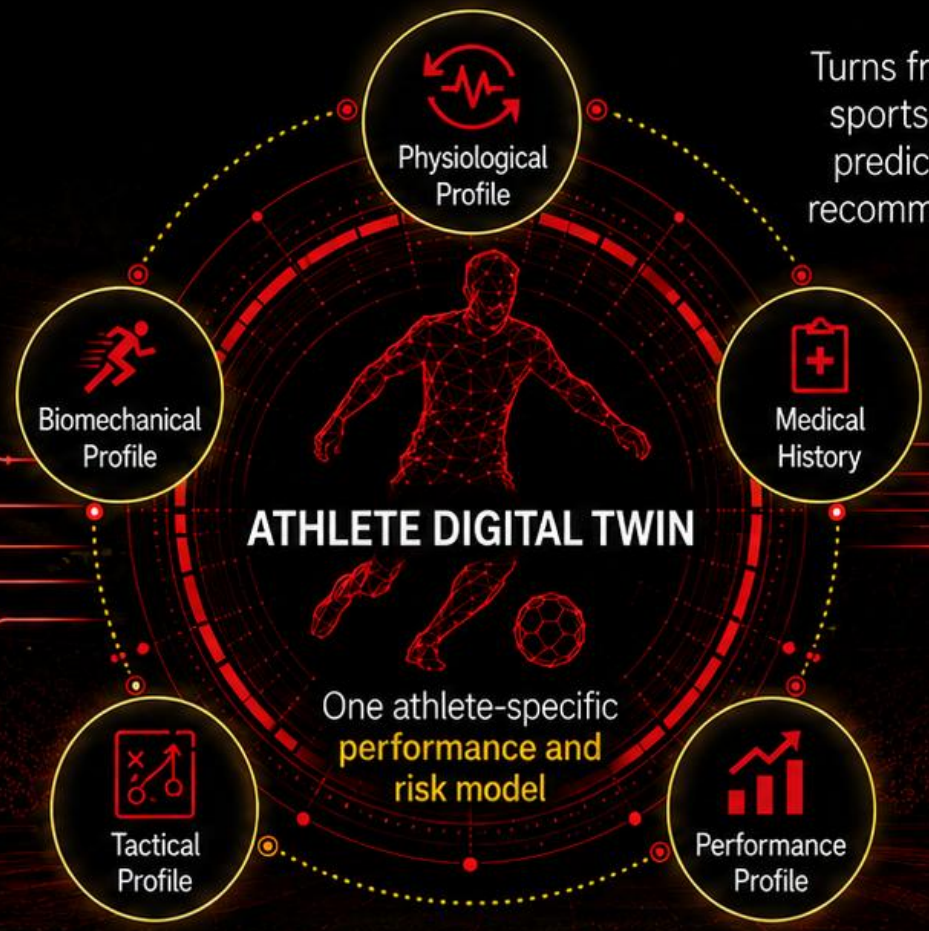
From isolated data points to **causal decision intelligence.**

3 DeepNex42: The semantic decision layer

Not another dashboard — but an AI Decision System for performance, injury prevention, training, and recruitment.

Existing sports systems

- Tracking Data
- Medical Data
- Training Data
- Tactical Data
- Recovery Data



Turns fragmented sports data into predictions and recommendations.

WHAT IT ENABLES

- Injury prediction
- Training optimization
- Workload management
- Return-to-play guidance
- Recruitment intelligence

From fragmented data to **athlete-specific decision intelligence**.

From decision intelligence to real-world use cases

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DeepNex42 identifies causal patterns and turns them into autonomous recommendations across the core workflows of professional team sports.

WHAT MAKES IT DIFFERENT

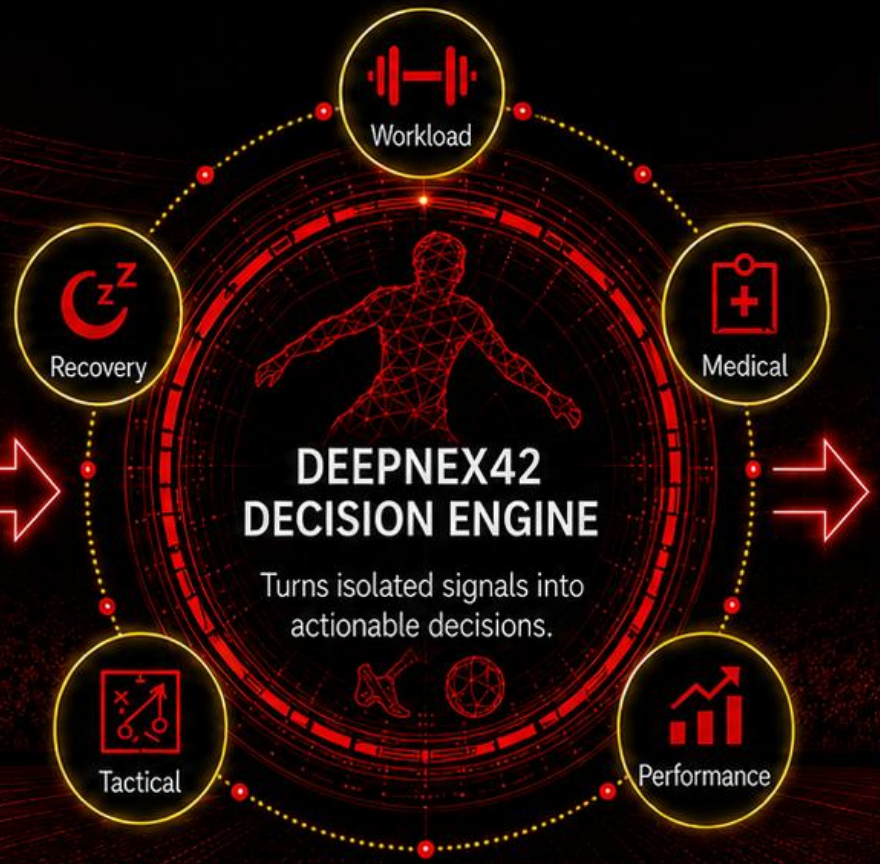
Not just analytics.

Not just BI.

Not just player load.

Causal pattern recognition + autonomous recommendations

Example: Do not start this athlete today. Injury risk: 61%.



CORE USE CASES

Injury Prediction
Detect risk patterns before injuries occur.

Live Workload Analysis
Monitor fatigue and overload in real time.

Training Optimization
Adjust intensity and recovery for each athlete.

Tactical Workload Simulation
Estimate the physical impact of tactical choices.

Rehabilitation Management
Support safe, data-driven return-to-play decisions.

Recruitment & Transfer Risk Analysis
Identify performance upside and hidden risk.

One decision engine across six high-value use cases.

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Core Use-Cases

One intelligent system delivering impact across the entire athlete lifecycle.

1 Injury Prediction
Predict injury risk before it happens.

2 Live Workload Analysis
Monitor stress, load and fatigue in real time.

3 Training Optimization
Personalize training for peak performance.

4 Tactical Workload Simulation
Simulate scenarios. Optimize decisions.

5 Rehabilitation Management
Track progress. Reduce re-injury risk.

6 Recruitment & Transfer Risk Analysis
Evaluate potential and risk with data intelligence.

Economic Value

Availability → Performance → Revenue

The value goes far beyond injury prevention. When key players are more available, training and workload management become more precise, and tactical decisions are data-driven, the probability of better sporting results increases — and with it the entire economic impact.

- More wins
- Better league position
- Playoff / Final appearances
- Higher prizes & earnings
- Higher attendance
- Higher sponsorship & media value
- Rising player & squad values
- Stronger fan loyalty
- Better transfer decisions

Better availability drives better performance. Better performance drives higher revenue.

Strategic Advantage for Your Organization

More than a customer: a launch partner and category partner.

Early Access Edge
Be first to benefit from cutting-edge AI decision intelligence.

Competitive Edge
Gain a data-driven advantage over competitors.

Potential League Exclusivity
Explore exclusivity opportunities within the league.

Joint Use-Case Validation
Co-develop, test, and validate real world impact.

Reference Partner
Become our showcase partner and industry reference.

Data Sovereignty & Trust

Your data. Your rules. Your competitive advantage.

Data stays with your club
Medical, performance and tactical data remain fully under your ownership.

On-premise or dedicated cloud
Deployment options that meet the highest security and compliance standards.

No cross-team learning
Your data is never used to train models for other teams.

No data sharing with competitors
We do not share, sell or forward your data to any third parties or competitors.

Stronger together. Shaping the future of sports performance.

ECONOMIC VALUE: AVAILABILITY → PERFORMANCE → REVENUE

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DeepNex42 creates value not only by preventing injuries, but by improving sporting results and commercial outcomes.

AVAILABILITY

Key players are available more often.

- Fewer injuries
- More key-player availability
- More precise training and load management
- More data-driven tactical decisions

PERFORMANCE

Better decisions increase the probability of success on the field.

- More wins
- Better league position
- Playoff / final appearances
- More consistent team performance

REVENUE

Sporting success creates measurable commercial upside.

- Higher bonuses and prize money
- Higher attendance
- Stronger sponsorship and media appeal
- Rising player and squad values
- Stronger fan engagement
- Better transfer decisions

VALUE CREATION LOGIC

Availability drives performance. Performance drives revenue.

FROM PLAYER AVAILABILITY TO COMMERCIAL IMPACT.

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STRATEGIC ADVANTAGE FOR YOU

You can be more than a customer — you can become a **launch partner** and **category partner** for the next generation of AI performance intelligence.

WHY THIS MATTERS

- Early access to new capabilities
- Influence on product direction
- Faster learning from real use cases
- First-mover position in an emerging category

Co-develop, validate, and showcase real-world performance intelligence.

WHAT YOU GAIN

Sporting knowledge advantage
Earlier insight into what works on the field.

Potential league exclusivity
A chance to secure a differentiated competitive position.

Joint use-case validation
Shape the product around real team workflows.

Reference-customer visibility
Become a visible innovation partner in the category.

Category leadership
Help define how AI performance intelligence is adopted in sport.

PARTNERSHIP LOGIC

More than a buyer relationship: early access, co-creation, and strategic differentiation.

FROM CUSTOMER RELATIONSHIP TO STRATEGIC PARTNERSHIP.

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DATA SOVEREIGNTY & TRUST

Your data. Your rules. Your competitive advantage.

Data stays with the club

Medical, performance, and tactical data remain fully under your ownership and control.

On-premise or dedicated cloud

Deploy in your own environment or in a dedicated cloud setup that meets your security and compliance requirements.

No cross-team learning

Your data is never used to train models for other teams or competitors.

No data sharing with competitors

No data copies, no third-party resale, and no forwarding of sensitive information to rival teams.

TRUST PRINCIPLE

Competitive advantage in professional sports depends on strict data ownership, confidentiality, and control.

SECURITY. | CONFIDENTIALITY. | CONTROL.

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SUMMARY:

ONE INTELLIGENT DECISION SYSTEM ACROSS THE ATHLETE LIFECYCLE

From fragmented data silos to measurable sporting and economic impact.

1. FRAGMENTED SPORTS DATA

Tracking, medical, training, recovery, tactical data

2. ATHLETE DIGITAL TWIN

One athlete-specific performance and risk model

3. CAUSAL DECISION INTELLIGENCE

Recognizes patterns and recommends concrete actions

4. SPORTING & ECONOMIC IMPACT

Higher availability, better performance, higher revenue

CORE USE CASES

- Injury prediction
- Live workload analysis
- Training optimization
- Tactical simulation
- Rehabilitation management
- Recruitment & transfer risk analysis

ECONOMIC VALUE

- Higher key-player availability
- More wins and better league position
- Higher prize money, sponsorship, and media value
- Better transfer decisions and rising squad value

STRATEGIC ADVANTAGE

- Early access to new capabilities
- Influence on product direction
- Validation of real use cases
- Visibility as a reference partner

DATA SOVEREIGNTY & TRUST

- Data stays with the club
- On-premise or dedicated cloud
- No cross-team learning
- No data sharing with competitors

ONE INTELLIGENT SYSTEM. FROM DATA SILOS TO INFORMED DECISIONS.

DEEPNEX42 PERFORMANCE
A PRODUCT OF TRON42

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