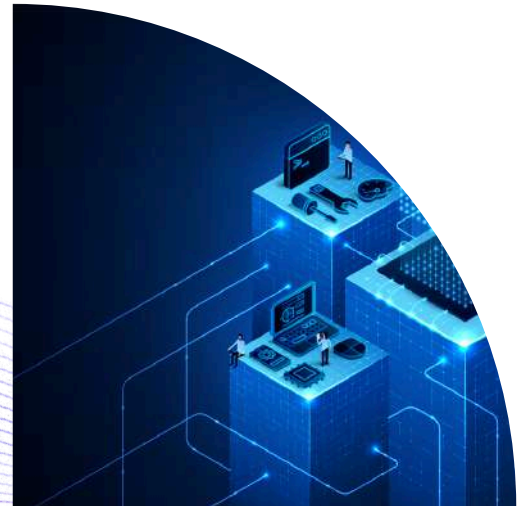




Real-Time Analytics & Decision Velocity Diagnostic

Assessing Your Organisation's Readiness for Instant, Trusted Decision-Making in 2026



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In 2025, organisations demanded faster insight. In 2026, they will demand decisions in real-time.

But real-time capability is not just about speed — it's about delivering accurate, contextual, governed insights exactly when and where they are needed.

This diagnostic helps assess whether your organisation is truly capable of real-time decision velocity or simply accelerating historical reporting. In this document we have two assessment. For the Organisation and Data Architects.

Section 1: How to Use This Diagnostic for Organisational assessment.

Score each statement from 1 to 5:

1 = Not in place

2 = Limited / manual

3 = Partially automated

4 = Real-time capable

5 = Real-time, governed & optimised



1. Data Access & Latency

Real-time decisions require real-time inputs.

Assess:

- ☐ Operational systems expose data via APIs or streaming mechanisms
- ☐ Data retrieval is event-driven, not batch dependent
- ☐ Latency between data creation and availability is measured
- ☐ S3, REST, HTTP or similar endpoints are used for direct ingestion
- ☐ Data refresh delays are clearly understood and managed

Risk if immature:

Decisions are based on delayed snapshots rather than current operational conditions.

2. Data Processing & Context Application

Speed without context leads to fast mistakes.

Assess:

- ☐ Fragmented data sources are unified before analysis
- ☐ Business rules are applied during processing
- ☐ Context is embedded into analytics outputs
- ☐ Operational data aligns with enterprise definitions
- ☐ Processing logic is auditable and documented

Risk if immature:

Real-time analytics amplify inconsistency instead of clarity.



3. Insight Delivery at the Point of Action

Analytics must reach decision-makers where work happens.

Assess:

- ☐ Insights are embedded in operational systems or workflows
- ☐ Dashboards are not the sole delivery mechanism
- ☐ Alerts or triggers are tied to defined thresholds
- ☐ Decision-makers receive context, not raw metrics
- ☐ Real-time insights influence measurable actions

Risk if immature:

Data is fast — but not actionable.

4. Governance & Accuracy at Speed

Real-time does not mean ungoverned.

Assess:

- ☐ Real-time data flows follow defined governance controls
- ☐ Audit trails exist for live data processing
- ☐ Changes in source systems are monitored
- ☐ Data quality issues trigger alerts
- ☐ Human oversight exists for high-impact decisions

Risk if immature:

Speed introduces risk exposure and accountability gaps.



5. Decision Velocity & Organisational Alignment

Velocity is not just technical — it is behavioural.

Assess:

- ☐ Real-time analytics align to defined business outcomes
- ☐ Decision thresholds are agreed cross-functionally
- ☐ Teams trust real-time insights
- ☐ There is clear ownership of operational decisions
- ☐ Performance metrics reflect decision speed improvement

Risk if immature:

Real-time capability exists, but organisational friction slows action.



Your Decision Velocity Profile

100–125 Points

Real-Time Ready & Governed

Profile:

Insights are delivered at the point of action. Governance and monitoring operate at speed. Teams trust the data they act on.

Business Advantage:

- Operational agility
- Faster risk detection
- Improved customer responsiveness
- Stronger compliance posture
-

Leadership Opportunity:

Leverage this foundation to scale AI-assisted, event-driven decisions.

Recommended Executive Action

- Expand real-time capability into AI-enabled workflows.
- Align architecture with emerging AI accountability frameworks.
- Formalise decision accountability across the enterprise.

Next Step:

Future-Proof Your Real-Time Operating Model

Work with an emite consultant to optimise for AI-scale decision velocity in 2026.

75–99 Points

Fast but Fragile

Profile:

Real-time ingestion exists in key areas. Insights influence operational decisions. However, monitoring, traceability, or governance may not scale with complexity.

Business Impact:

- Faster decisions
- Increased exposure if drift or inconsistency goes undetected
- Growing complexity across teams

Leadership Risk:

Scaling speed without reinforcing accountability.

Recommended Executive Action

- Extend traceability from source data to operational decision.
- Formalise oversight for high-impact real-time workflows.
- Introduce continuous monitoring for quality and drift.

Next Step:

Strengthen Governance at Speed

Partner with an emite consultant to pressure-test your real-time infrastructure before scaling further.



Your Decision Velocity Profile

50–74 Points

Near-Real-Time Reporting

Profile:

Some acceleration exists, but insights are still largely retrospective. Data may refresh hourly or daily. Real-time capability is inconsistent across departments.

Business Impact:

- Faster reporting, but not faster decisions
- Operational teams still compensate manually
- Governance often lags behind speed

Leadership Risk:

Perceived improvement without structural readiness.

Recommended Executive Action

- Standardise definitions before expanding real-time use.
- Align governance to live data flows.
- Prioritise embedding insights into operational workflows.

Next Step:

Define Your Real-Time Alignment Strategy

Engage an emite consultant to unify definitions, governance, and live decision workflows.

Below 50

Batch-Dependent

Profile:

Decisions rely on delayed reports and historical data snapshots. Operational teams react after events occur. Real-time is discussed, but not embedded.

Business Impact:

- Missed opportunities
- Delayed risk detection
- Reduced competitiveness
- Slower customer response times

Leadership Risk:

Board and executive teams expect speed, but infrastructure cannot deliver it.

Recommended Executive Action

- Identify 2–3 high-impact decisions that require real-time insight.
- Define measurable decision-speed objectives.
- Align technology priorities with operational outcomes.

Next Step:

Build Your 2026 Decision Velocity Roadmap

Speak with an emite consultant to assess architectural gaps and define a phased transition plan.



How the emite Platform Supports Real-Time Decision Velocity

The emite Platform strengthens real-time decision-making by enabling immediate data retrieval from REST APIs, HTTP endpoints, and S3 sources, reducing reliance on delayed or scheduled feeds.

Beyond speed, emite applies contextual business rules to fragmented data during processing, ensuring analytics reflect enterprise definitions and operational reality.

Combined with governed visibility across data movement, organisations can act quickly without sacrificing accuracy or accountability.

Real-time decisions require real-time data but they also require trust.

emite supports both.

Executive Reflection

Is your organisation:

- Acting on live operational data?
- Confident in the accuracy of real-time insights?
- Embedding analytics directly into decision workflows?

Or are you simply accelerating yesterday's reports?

2026 will reward organisations that combine speed with control.

