PM

TELECOM PERFORMANCE MANAGEMENT

Every KPI, every domain, on one dashboard suite

PM ingests KPI and counter data from across the operator network and serves it through dashboards for RAN, Core, KQI, SMSC, IN, PS-core and more. It is used by Jazz, formerly Mobilink.

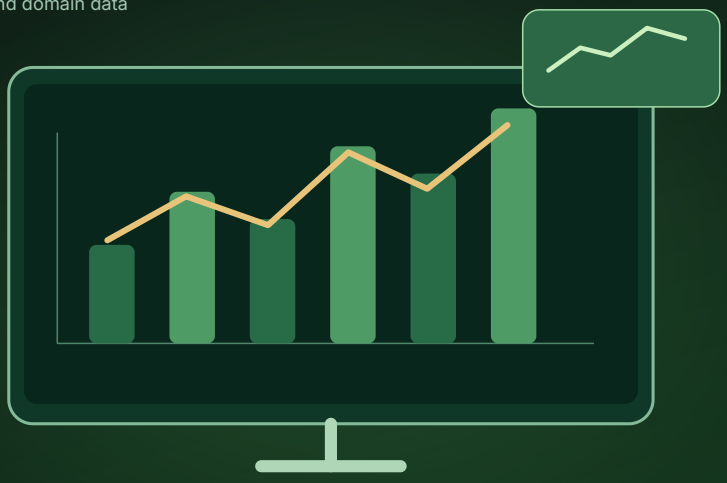
DASHBOARDS
20+

VENDOR FEEDS
Multi

KPI STORE
ClickHouse

ON-PREM OR CLOUD
AI

From counters to KPIs
Vendor and domain data



See performance clearly
Dashboards with regional access

RAN and Core
Radio, Core and PS-core dashboards.

KQI and VoLTE
Service quality, VoLTE, OTT and roamers.

SMSC and IN
Messaging and intelligent network views.

OPERATIONAL CONTEXT

A clearer way to work

PM ingests KPI and counter data from across the operator network and serves it through dashboards for RAN, Core, KQI, SMSC, IN, PS-core and more. It is used by Jazz, formerly Mobilink.

01

Scattered counters

KPIs sit in many vendor exports.

02

Slow analysis

Large history is slow to query.

03

Missed anomalies

Outliers hide across thousands of cells.

THE CHANGE IN DAILY OPERATIONS

Before	With PM
– Vendor-by-vendor reports	✓ One dashboard suite
– Slow history queries	✓ Column-store speed
– Manual snapshots	✓ Scheduled snapshots
– Hidden outliers	✓ Anomaly picker
– Spreadsheet KPIs	✓ Calculated KPI library

AN OPERATIONAL SCENARIO

Explain a change in network performance

A performance team needs to compare vendor counters and understand a regional KPI change without rebuilding a spreadsheet for every investigation.

One
KPI suite

Fast
Column-store queries

Regional
Data rights

Nightly
Anomaly view

CAPABILITIES 1

The capabilities that do the work

Explore the core functions of PM and the operational tasks they support.

01

RAN and Core

Radio, Core and PS-core dashboards.

02

KQI and VoLTE

Service quality, VoLTE, OTT and roamers.

03

SMSC and IN

Messaging and intelligent network views.

04

Regional pulse

Regional KPI health at a glance.

05

Anomaly picker

A nightly view of unusual KPIs.

06

Snapper

Scheduled dashboard snapshots.

DESIGNED AROUND THE USERS

RF teams Radio KPIs.

Core teams Core and PS-core.

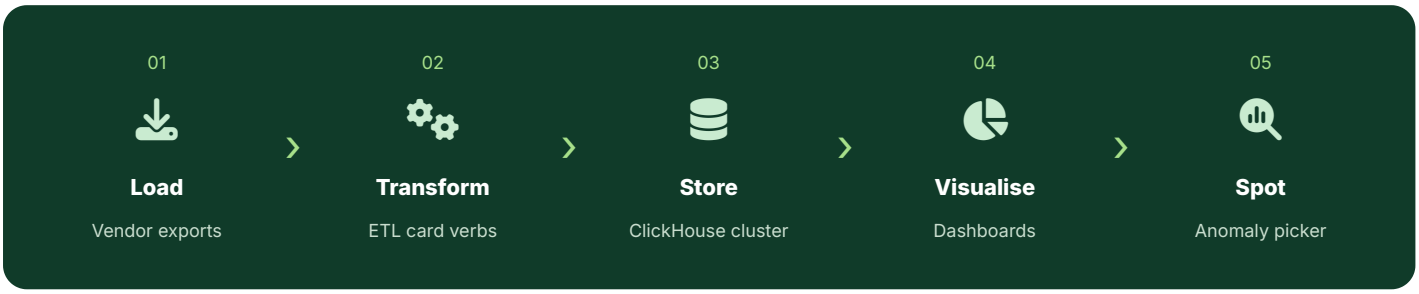
NOC Regional health.

Management Scheduled snapshots.

WORKFLOW

From the first step to the outcome

A connected sequence makes the handoffs and responsibilities easier to follow.



01 Collect
DataLoader takes exports from ZTE, Huawei and network systems.

02 Bridge
KpiBridge moves KPI data into ClickHouse.

03 Calculate
KPI formulas turn counters into measures.

04 Present
Teams open dashboards by domain and region.

05 Share
Snapshots keep management informed.

A PRACTICAL WALKTHROUGH

Explain a change in network performance

A performance team needs to compare vendor counters and understand a regional KPI change without rebuilding a spreadsheet for every investigation.

Trace a source export through collection and calculation to a dashboard. Review regional access rights and the controls on time-limited dashboard sharing.

ARCHITECTURE & HANDOFFS

From source counters to a useful KPI

Collection, calculation and presentation form a traceable path from vendor data to the performance view.



Conceptual product flow · PM

01

Collect the relevant vendor and domain exports.

02

Calculate KPIs using the performance data platform.

03

Review dashboards and regional scope before sharing a time-limited link.

DISCUSS YOUR ENVIRONMENT

Confirm the source systems, responsibilities and integration boundaries during the walkthrough. The diagram explains the product concept; the deployment scope is agreed for your environment.

TECHNOLOGY 1

Understand the connected pieces

Formats, protocols and tools in the product scope, with plain-language explanations for technical and business readers.

ZTE
Vendor exports from ZTE network equipment.

Huawei
Vendor exports from Huawei network equipment.

SDP
Service Delivery Platform data on subscriber services.

Air
Data feed from the operator charging environment.

CCN
Charging Control Node data used for charging analysis.

OCC
Online charging data feed.

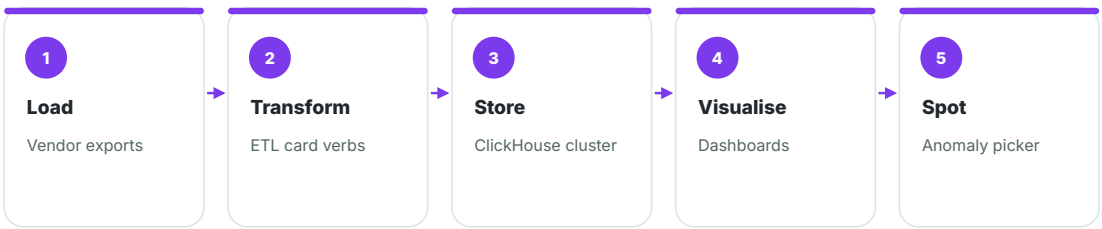
NPM
Network performance monitoring data feed.

SmartCare
Huawei customer experience analytics data feed.

ClickHouse
Column-based database built for fast queries on very large datasets.

SQL Server
Microsoft relational database.

THE PM OPERATING FLOW



INTEGRATION PLANNING

Agree the source systems, supported versions, data ownership and access requirements during discovery. Validate the relevant interfaces against your environment before production rollout.

ASSURANCE & NEXT STEPS

Prepare for a successful rollout

Match the product scope to your people, systems and operating requirements.

PRODUCT ASSURANCE

- **Regional data rights**
- **Secure sign-in**
- **Time-limited dashboard links**
- **On-prem deployment**

PLAN THE ENGAGEMENT

01

Discover

Review your current process, source systems, users and constraints. Identify the operational problem the first phase should solve.

02

Demonstrate

Trace a source export through collection and calculation to a dashboard. Review regional access rights and the controls on time-limited dashboard sharing.

03

Validate

Agree the applicable product scope, access controls, integration checks and acceptance criteria. Confirm deployment and support responsibilities.

04

Handover

Plan user guidance, operational ownership and support contacts. Confirm the reporting cadence and review process for the agreed scope.

START A CONVERSATION

Explore PM with our team.

Bring your operational scenario. We will walk through the relevant workflow and discuss a suitable scope.

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