VisualKPI

A personalized real-time view of operations
across all your data sources and on any device.

Transpara™

Read Data in Real-Time

Leave your data where it makes sense and read it in real-time, no matter how many sources.

Simplify by Adding Context

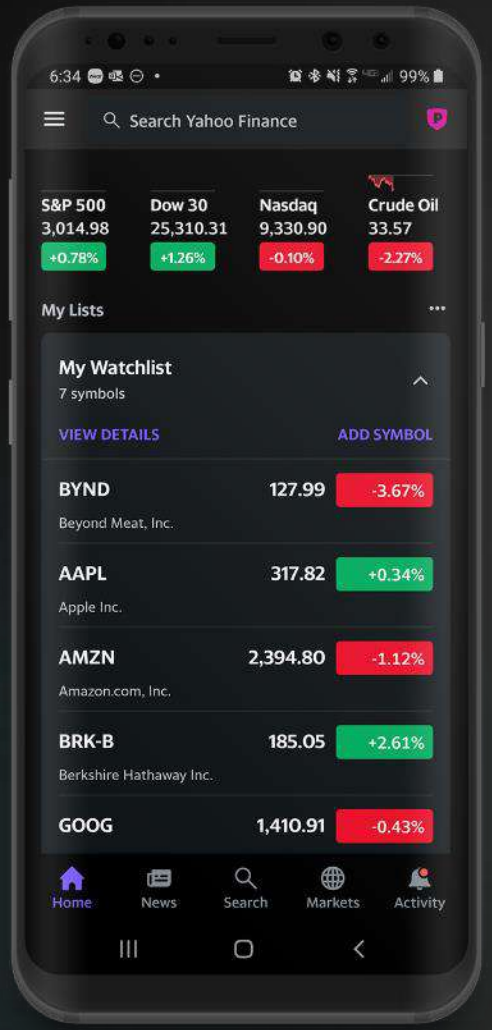
Transform raw data into intuitive KPIs everyone can understand and compare, with no coding.

Visualize & Personalize

At-a-glance results, regardless of location or device. Personalized and role-based dashboards.

Notifications Tell You When to Look

Visual KPI notifies you when (and where) things go wrong and can escalate if things get worse.

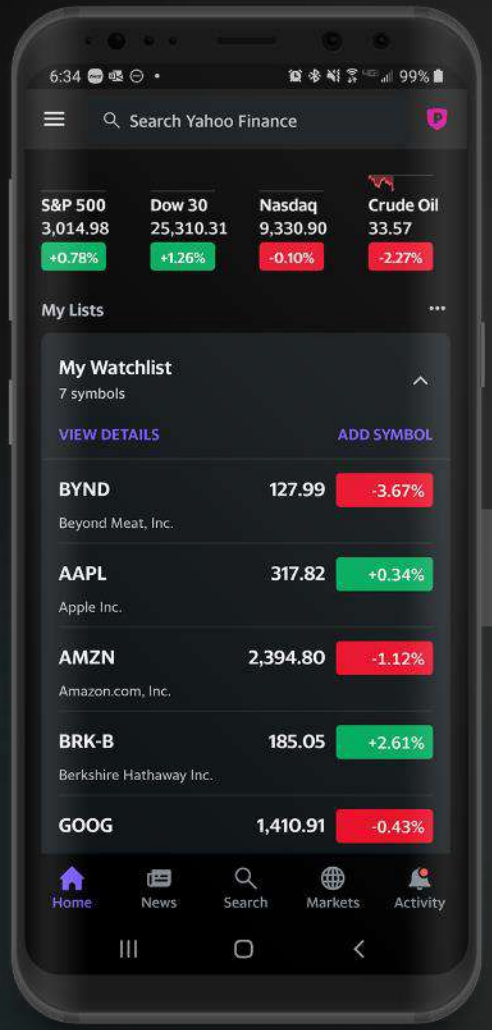


Obvious

Real-time

Glance, or drill in

Should I relax or panic?



One Source

Thousands of Sources

Relational Data | IoT | Time-Series | IT, Security & Cloud Monitoring | ERP
Vertical Industry Applications | Web Services | Data Warehouses | Manual Data
SCADA | AI | Machine Learning | Weather | Pricing | More

Traction

- Customers 25+ Countries
- 10,000+ Users
- 400+ Software Releases
- Key Industries
  - Energy & Utilities
  - Oil & Gas
  - Manufacturing
  - Telecom
  - IT, Cloud & Data Center
  - Pharmaceuticals
  - Mining
  - Infrastructure

“When the executives check Visual KPI before doing anything else in the morning, you know it’s a must-have tool."

Steve Noel
Exelon Generation

86%

reduction in unplanned downtime

74%

reduction in crisis response time

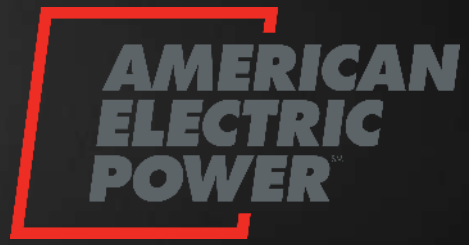
90%

reduction in emergency maintenance calls

82%

reduction in project cost (days/weeks, not months)

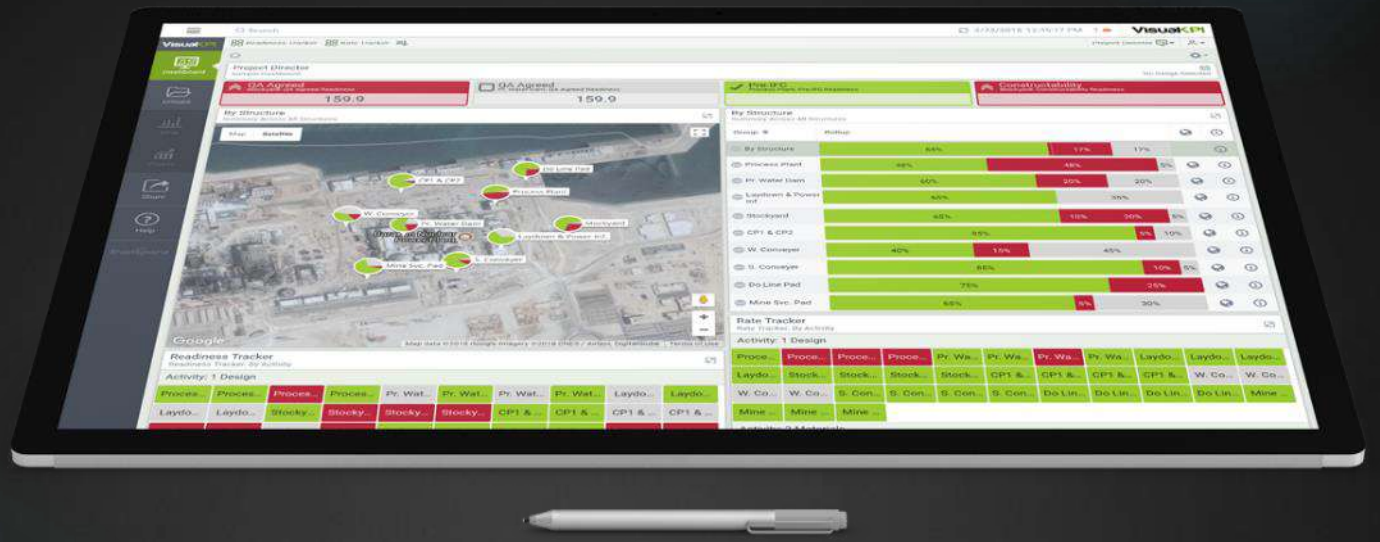
“You guys are the best vendor I have ever worked with."



Steve Mulroy
AEP

Live Covid-19 Tracking
Try it yourself now…

transpara.com/covid19



Thank you!

Robert Hylton | robert@transpara.com | +1-206-965-5126

Transpara™

www.transpara.com

Appendix

11:16
VisualKPI
4/19/2018
6:01:47 PM
Global
Region SE
No Range Selected
Global
Sample User Dashboard
Region NE
NE Region Power Gen Sites
28%
46%
Fuel Cost
CTG2 Fuel
Net MW $
Net MW $
10,742
Op Cost/MWh
Op Cost/MWh
5.19
1 Day
4/19/2018 6:02:22 PM
Downtime by Cause
Total Downtime Hours by Cause
100%
80%
60%
40%
20%
0%
Safety Incidents
Maintenance
Staff Delays
Supply
Weather
4/19/2018 6:02:23 PM
+1 Day
-1 Day
Fresno
Fresno Production Overview
Map
Satellite
BERRYESSA

Building Blocks for Success

Key questions to explore – for pilots or production

- Attribute Examples
  - Size
  - Brand
  - Type
  - Class
  - Level
  - Etc.
- Hierarchy Examples
  - By geography
  - By function
    - Operations
    - Safety
    - Finance
  - By asset class
  - By role
  - Etc.
- Dashboards
  - Similar to hierarchy options
- KPIs
  - Think through the most critical KPIs for each level of the hierarchy
    - Business metrics
    - Operations metrics
    - Site metrics
    - Maintenance metrics
    - Downtime metrics
    - Safety metrics
    - Device or asset metrics
- Target & Limits
  - For each KPI, think through the thresholds/limits that would define various degrees of status (good/bad, high/low). Who defines them?
  - Min & max is also important
  - Are they static or dynamic (coming from a data source)?
  - Do some or all of your KPIs have targets?
- Data Sources
  - Where does your most important data live?
  - What types of data sources are required:
    - Relational/SQL data
    - Time-series
    - Web services/API
    - OLAP/data warehouse
    - Manual data entry
- Notifications
  - Do you want proactive alerts?
  - Which ones?
  - Which of your KPIs are leading indicators?
  - Who will be the key recipients of notifications (which roles)?

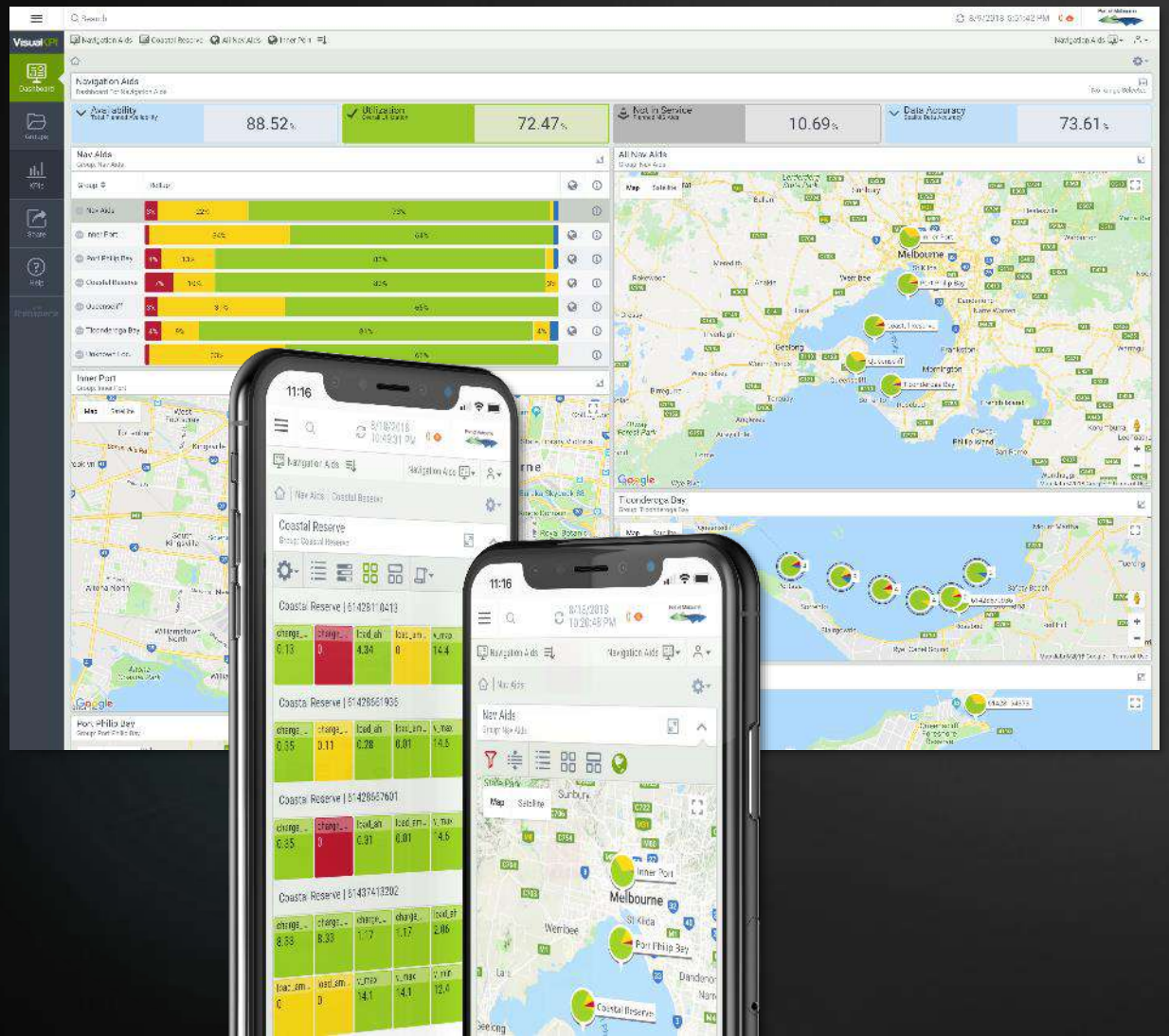
Visual KPI in Energy & Utilities

- Used in power generation, T&D and commercial trading
- Perfect for renewables
- Outage management / situational awareness (e.g. weather)
- Trading optimization through real-time supply / demand monitoring
- Field staff optimization (T&D)
- Elimination of unplanned downtime
- Predictive maintenance & OEE
- Regulatory / environmental compliance

Visual KPI in Telecommunications

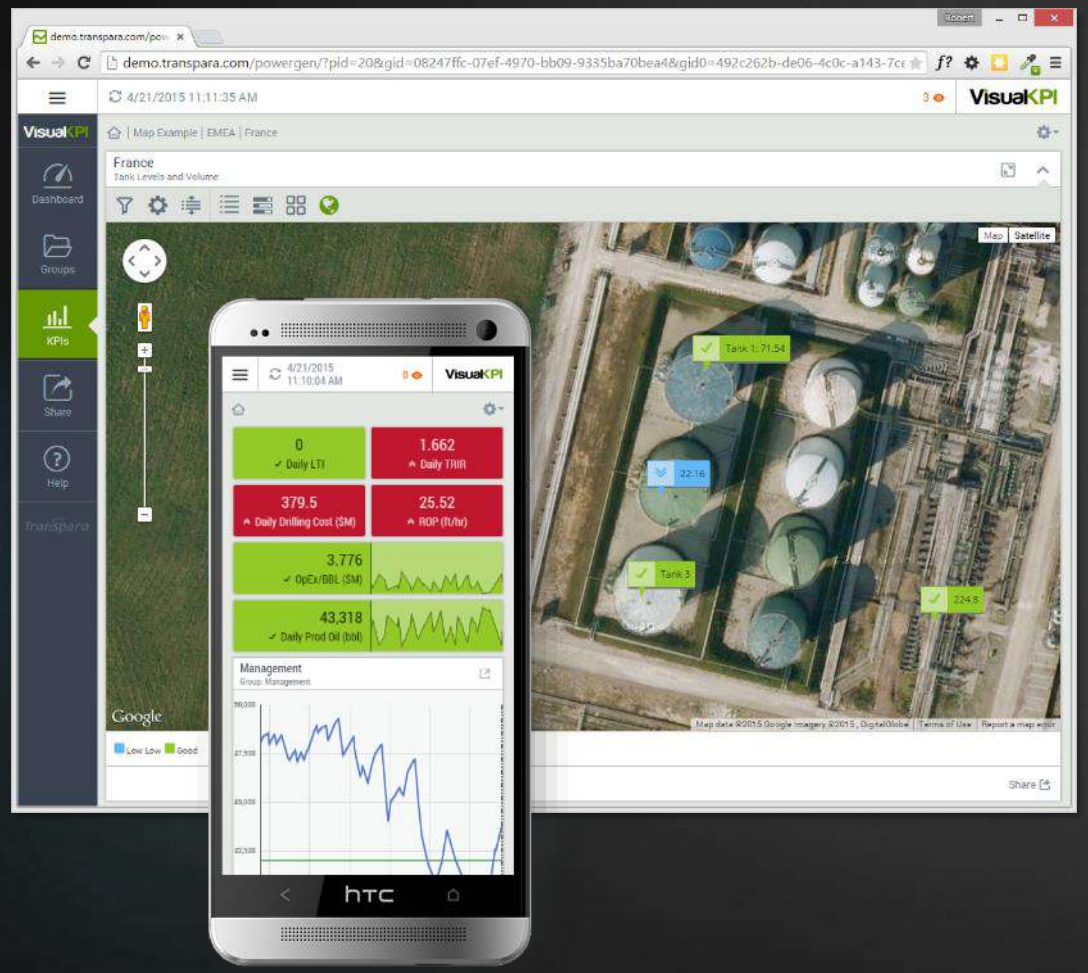
- Ideal for network operations, OSS, satellite, wireless, mobile and more
- Support for high-speed (sub-second) and high-volume data
- Brings disparate systems together in real-time
- Condition-based and escalating alerts
- Downtime management and real-time cause analysis
- Customer experience monitoring and support volume/ticket monitoring
- Equipment health / OEE
- Crisis management / situational awareness
- External data monitoring and correlation (weather, fires, power)

Visual KPI for Smart Cities



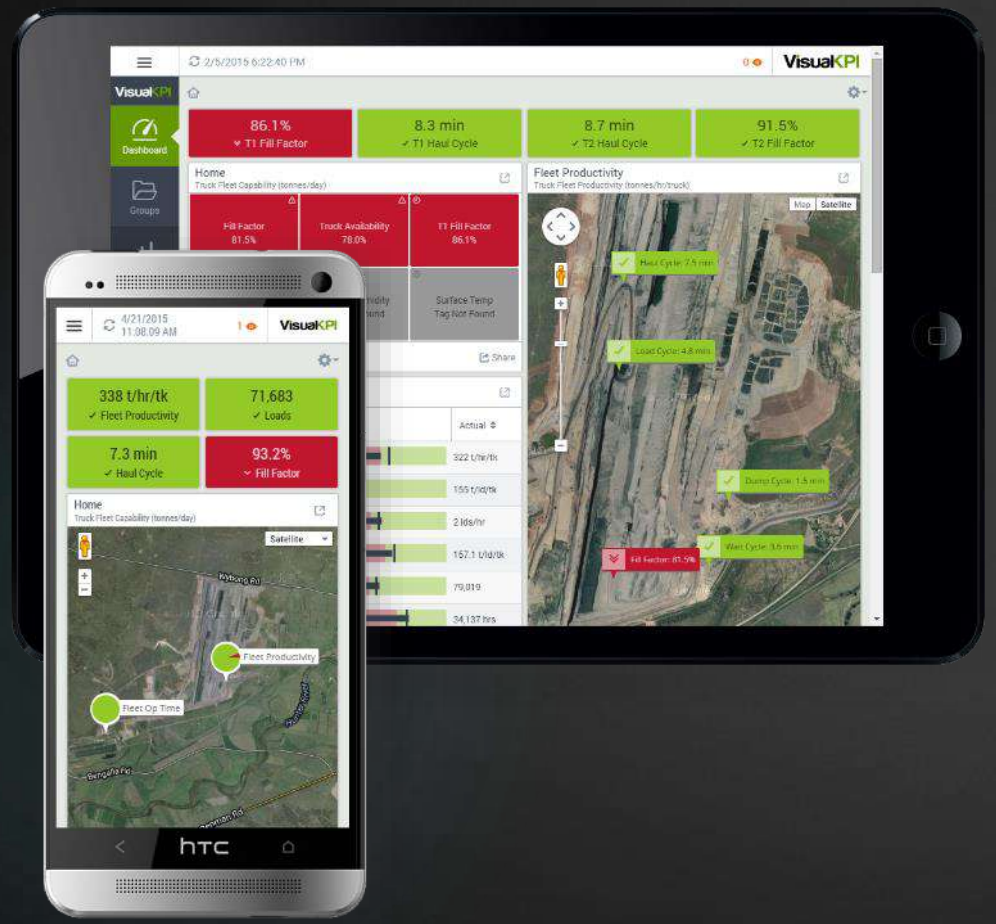
- Ideal for telecommunications, energy, emergency services, safety, environmental, infrastructure, governance, traffic, smart meters/AMI, etc.
- System of systems designed to aggregate many silos into a single real-time application
- Obvious KPIs for surfacing needles in the haystack automatically
- Mixes internal (IoT, legacy, etc.) and external data (weather, fire, environmental), on the fly without the need to move data or a central data warehouse
- Crisis management / situational awareness
- Support for high-speed (sub-second) and high-volume data
- Condition-based and escalating alerts across many systems

Visual KPI in Oil & Gas



- Used in upstream, midstream (Incl. pipeline) and downstream
- Crisis management / situational awareness
- Eliminate unplanned downtime
- Reduce waste & increase throughput
- Regulatory / environmental
- Equipment maintenance & OEE
- Optimize profits by aggregating real-time market and production metrics

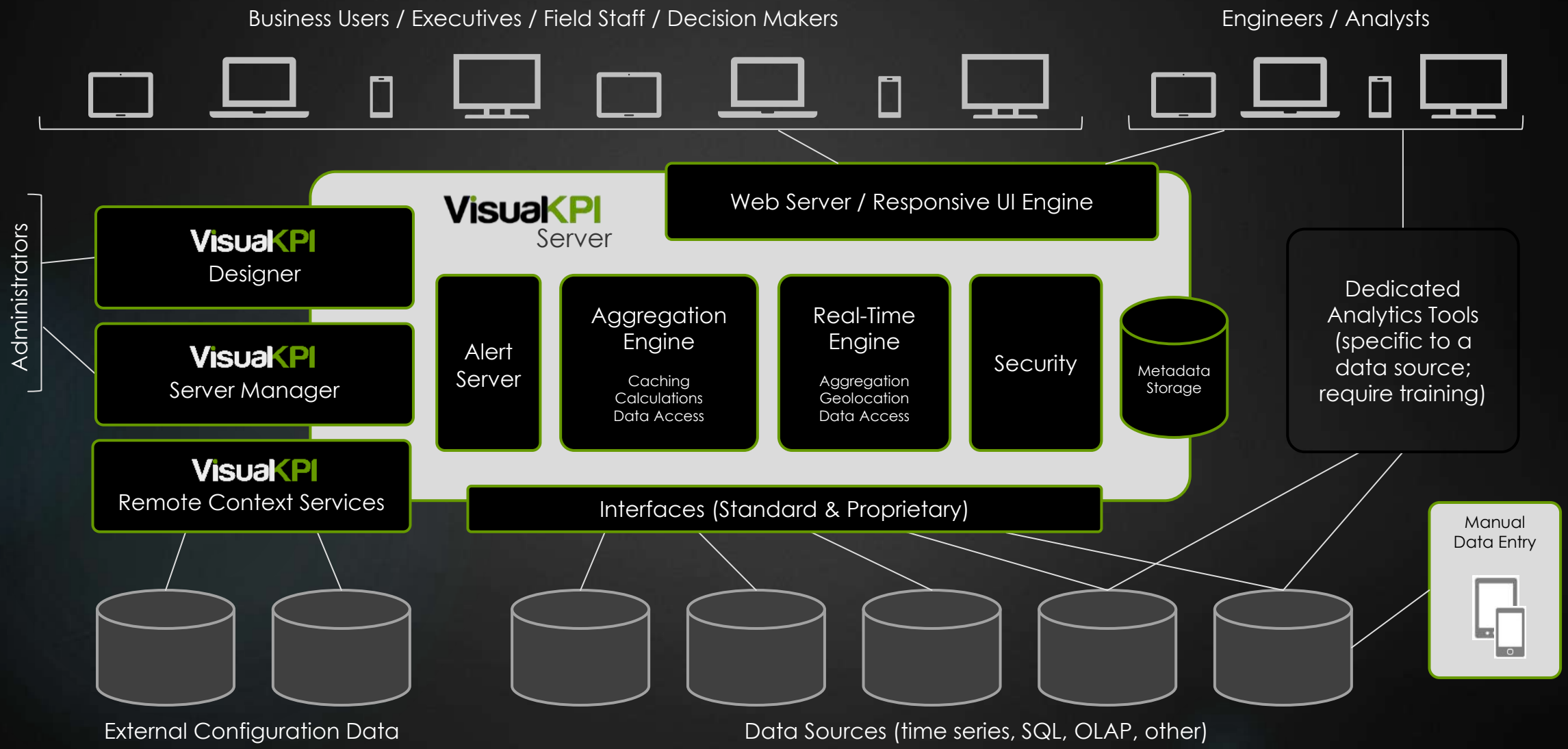
Visual KPI in Mining



- Used in open pit, underground, material handling, concentrate and logistics
- Increased throughput
- Reduced waste & cycle times
- Staff performance monitoring
- Eliminate unplanned downtime
- Crisis management / situational awareness
- Regulatory / Environmental
- Equipment maintenance & OEE

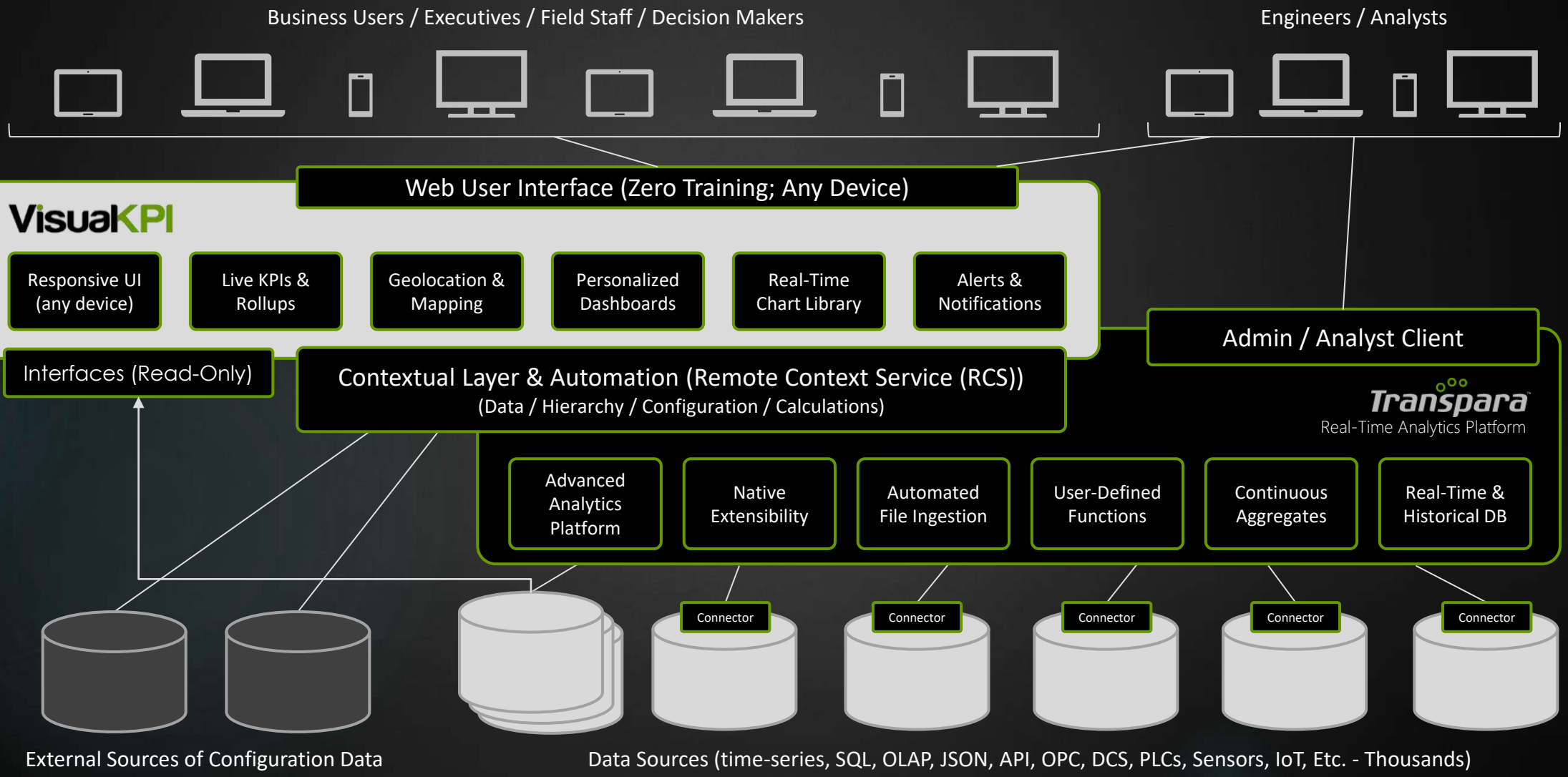
Visual KPI Architecture

On-Premise or Customer-Hosted (Private or Public Cloud)



Transpara Platform Architecture

On-Premise or Customer-Hosted (Private or Public Cloud)



Recent Features

- Automatable dashboard creation (RCS)
- Location history on GeoMaps (location trails)
- Status History Trends and sparkline view
- Performance monitoring system & interface
- Dark theme
- Live search / ad-hoc groups
- Embedded content object (HTML)
- Client/server time toggle
- Multi-language, including “add your own”
- Time-bound dashboards / reporting
- Image & text dashboard widgets
- OSIsoft AF Event Frame support
- Target/limit generator
- Trend comments (threaded)
- SPC control charts
- Bar charts (stacked/grouped; vertical/horizontal)
- Box Plot, Pareto, XY Plot, Gantt and Pie charts
- Group map
- Table search and table time ranges
- Group analytics w/automatic pareto chart
- All screens & objects fully embeddable
- 10 new custom status options
- New interfaces: Zabbix, Splunk, vmware, Evoqua, PJM, GE Proficy, Cumulocity, Xompass, Quandl, NIWNAS, etc.
- More coming very month: release notes