

Providing Actionable Insights to Hospitals through Data Science and AI/ML

Our footprint...

New Jersey | New York | Chicago | Washington, D.C. Area
Mountain View | Frankfurt | Dubai
Kolkata | Mumbai | Gurugram | Singapore

New age hospitals need...

● Speed ● Real-Time Data ● Agility ● Actionable Insights

WHO ARE WE...

At TCG Digital we have equipped ourselves with hyper contemporary technologies, domain expertise, and a top-notch talent pool to make every element of your day-to-day operations more predictive, intuitive, and efficient.

As a full-services provider, we specialize in offering turnkey solutions to healthcare organizations. Our comprehensive suite increases operational efficiency, lowers costs, and improves the quality and delivery of patient care.



100 +
Global Clients



10 +
Successful Years



1000 +
Digital Minds*



50 +
Platform Licenses



10 +
Industry Verticals

WHAT ARE OUR OFFERINGS...



Proprietary and pre-built solutions to drive better outcomes and improved bottom-line for hospitals:

TrialVision

- Clinical Trials Performance Management Solution
- Enabling action at the earliest opportunity

PerformRx

- Hospital performance management solution to track operational cost drivers
- Pre-built library of 500+ KPIs across 200+ acuity areas



Rich library of pre-built use cases on unifying patient, operational, and billing data for seamless decision making:

- Predict patient utilization patterns
- Manage end-to-end supply chain
- Increase patient engagement and satisfaction
- Minimize hospital re-admissions
- Predict post-operative complications & adverse events
- Minimize revenue leakage and anomaly detection



A scalable, secured, and flexible enterprise analytics platform with AI/ML technologies:

- High performance data management
- Out-of-the-box AI/ML and predictive algorithms
- Intuitive dashboards
- Structured and unstructured data
- Adaptive API
- Governed data management
- Best-in-class technology stack
- Extensive self-service capabilities

* number pertains to the TCG ecosystem

OUR FEATURED SOLUTION...

Solution Highlights

Full suite of performance analytics for hospitals:

Challenges

- Plethora of data sources with complex many-to-many relationships
- Limited visibility into the most current operations
- Static reports with lack of real-time information

Approach

- Aggregate hundreds of data sources and create a unified provider data model
- Consolidate and optimize the analysis of multiple data sources to the most granular level of detail
- Identify and configure the key performance indicators across acuity areas

Outcome

- Insightful, institutional dashboards with root cause analysis capabilities across operational areas
- Alerts for abnormal variations in an indicator
- 500+ alerts across 200+ acuity areas

The Data-to-Insights Journey



**Structured &
Unstructured Data**



**Agile
Data Model**



**Pre-built
Algorithms**

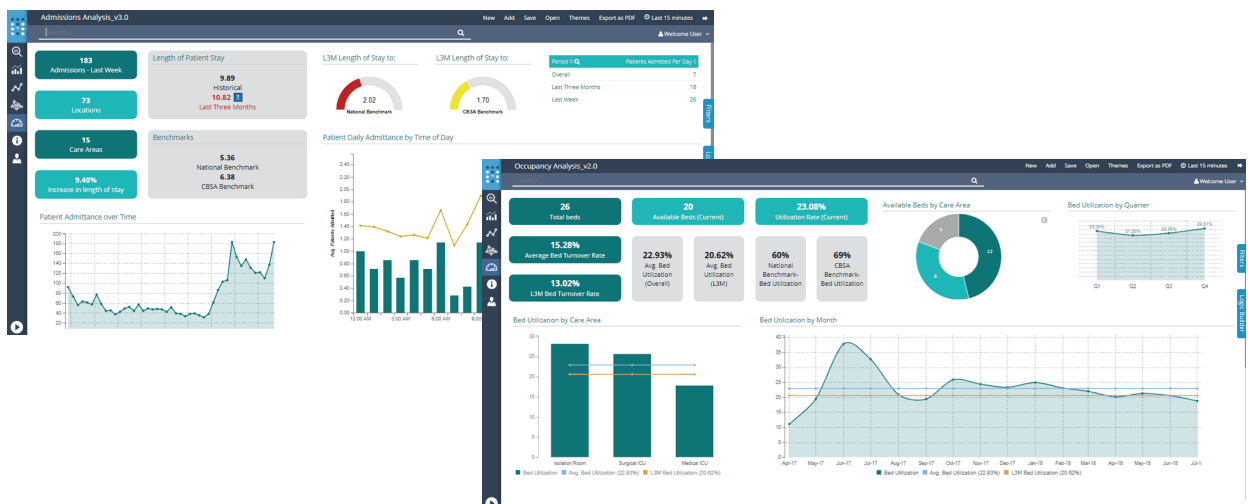


**Insightful
Dashboards**

Hospital Analytics Snapshots

Our solutions have helped our clients in effective data management, operations excellence initiatives, quality control, and regulatory compliances.

This leads to cost reduction and provides a competitive edge.






OUR NUMBERS SPEAK VOLUMES

- 10+ Source systems from which data is collected
- 15+ Gigabytes of Aggregated Data
- 75+ High Acuity Areas (PICU, NICU, CCU, etc.)
- 100+ Low Acuity Areas (Radiology, Dialysis, Gynecology, etc.)
- 500+ Configured Alerts

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