Globberry

Pangolin: A Flexible Data Platform for Telecom Operations

Build and adapt telecom applications around your own data models, workflows, interfaces, and integrations — with structured data at the core and AI assistance where it adds practical value.

Globberry

About Globberry

Founded in 2014, Globberry has established a solid presence across North America and EMEA. Recognized by telecom leaders such as Red Hat, Ericsson, and NEC, Globberry delivers carrier-grade telecom solutions backed by deep domain expertise in wireless and wireline telecommunications, including 3G, 4G, 5G, radio networks, OSS/BSS integration, and advanced telecom network management.

Make Your Operational Systems Adapt to the Network

Telecom environments rarely fit a fixed data model. Different vendors, technologies, network domains, and operator-specific processes create requirements that continue to evolve long after a system is deployed.

Rigid applications make these changes expensive. Updating data models, dashboards, workflows, or integrations can require substantial development effort, while external systems and network infrastructure continue to change.



Pangolin by Globberry

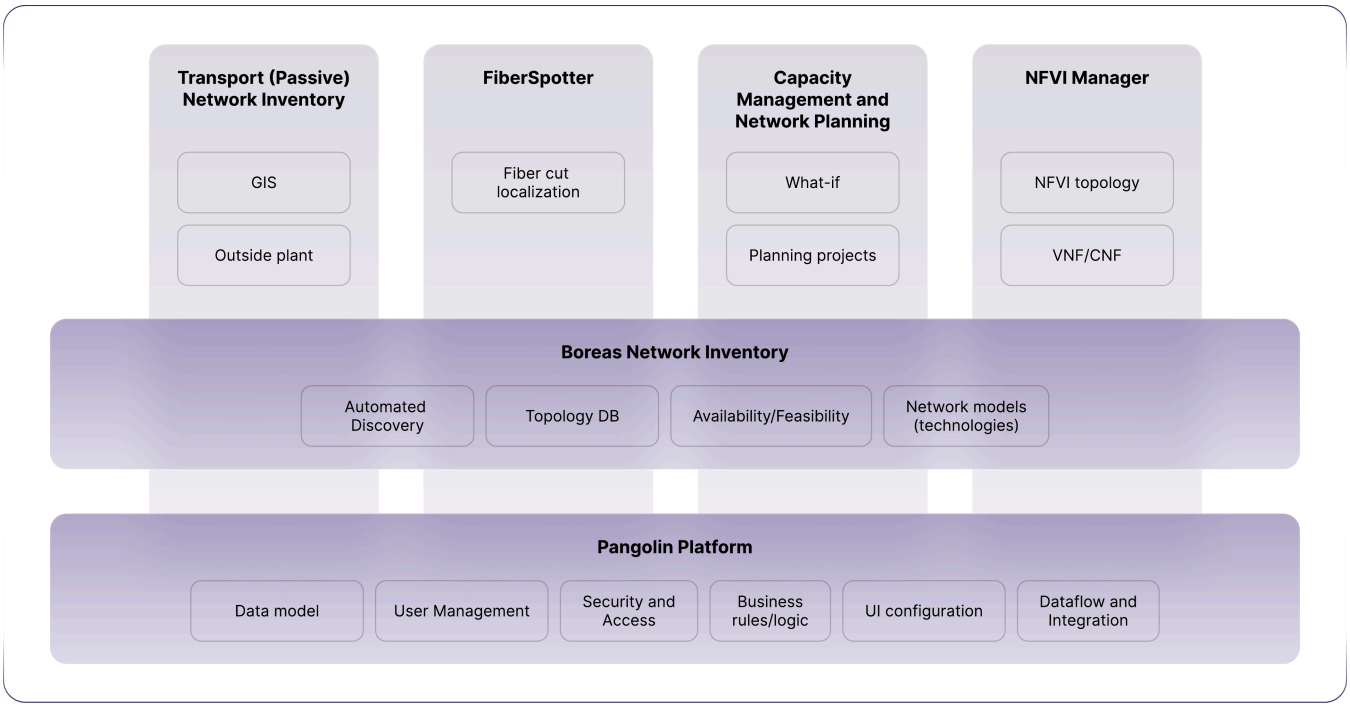
Pangolin is the configurable data and application platform behind Globberry's network management solutions.

It provides flexible data modeling, configurable user interfaces, integration capabilities, validation mechanisms, analytics, and security controls within a common platform. Operators can adapt applications to their own network architecture, terminology, processes, and data sources without rebuilding the underlying solution.

Structured and validated data remains the foundation. AI-assisted capabilities add flexibility around integration, discovery, and user interaction without replacing deterministic data management.

Solutions Powered by Pangolin

Pangolin provides the common platform foundation behind multiple Globberry solutions.



Network Inventory

Maintain an accurate view of physical, logical, and virtual network resources with configurable data models, automated discovery, topology visualization, and integration with existing OSS/BSS systems.

FiberSpotter

Combine PON inventory with passive monitoring and topology correlation to localize fiber cuts and support troubleshooting, provisioning, and network operations.

NFVI Manager

Manage OpenStack, OpenShift, VMware, Kubernetes, and other telco cloud environments with unified infrastructure inventory, resource analytics, and capacity visibility.

Capacity Management

Monitor infrastructure utilization, analyze capacity demand, run what-if scenarios, and forecast future resource requirements across network and cloud environments.

Network Planning

Support strategic and tactical network development using structured infrastructure data, demand information, and configurable planning workflows.

Why Build on Pangolin?

01

Adapt to Operator-Specific Requirements

Configure data models, relationships, interfaces, dashboards, and workflows around the operator's actual environment rather than forcing processes into a predefined structure.

02

Reduce Custom Development

Use reusable platform capabilities for common data, UI, integration, and security requirements instead of developing each operational application from scratch.

03

Create a Consistent Data Foundation

Maintain structured and validated information that can be used across inventory, cloud management, capacity management, planning, and other operational applications.

04

Respond Faster to Network Changes

Adapt models, mappings, interfaces, and integrations as vendors, infrastructure, technologies, and operational requirements evolve.

05

Make Complex Data Easier to Use

Provide role-specific dashboards and natural-language access to operational information, without navigating complex system structures.

06

Scale Across Multiple Use Cases

Support different network domains and applications on the same platform while maintaining common data-management, integration, and security principles.

Built for Evolving Telecom Environments

Networks continuously gain new technologies, vendors, cloud platforms, services, and operational requirements. Data structures evolve. Integrations change. Existing systems must coexist with new ones. Pangolin is designed around this reality.

Instead of treating customization as an exception, the platform makes configurable models, interfaces, integrations, and workflows part of its core architecture. Applications built on Pangolin can therefore evolve together with the operator's environment rather than becoming progressively harder to maintain.

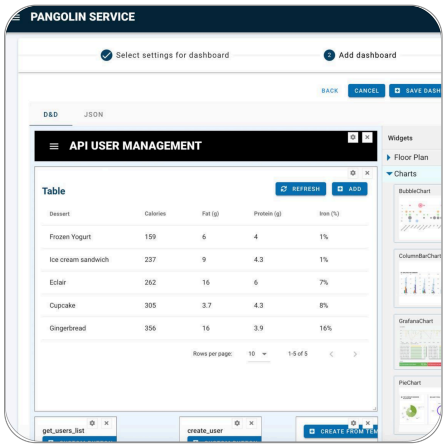


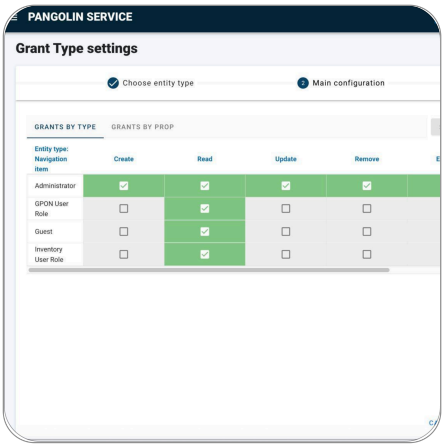
Trusted by Leading Telecom Providers

Globberry is trusted by global telecom leaders including Vodafone, VEON, Kyivstar, and TELUS. Our solutions have been tested and validated in complex telecom environments and recognized by leading technology and industry organizations.

Platform Capabilities







Flexible Data Modeling:

- Define and modify entity types, properties, relationships, hierarchies, and validation rules according to operator-specific requirements.
- Model physical infrastructure, logical resources, cloud environments, services, topology, capacity, and other domains without being constrained by a fixed schema.

Configurable User Interfaces:

- Create interfaces and dashboards around different operational roles and use cases.
- An extensible widget library — tables, charts, maps, topology views, and more — presents the same data differently for engineering, operations, planning, and management teams.

Security and Access Control:

- Configure access according to user roles, operational responsibilities, and application requirements.
- Apply security policies to data, functionality, and user-facing interfaces within Pangolin-based applications.

Integration and Dataflows:

- Connect with external databases, APIs, network systems, OSS/BSS platforms, and other enterprise data sources.
- Data transformation, validation, error handling, and synchronization keep structured data consistent across systems.

Data Validation and Quality Control:

- Apply configurable validation rules to imported, discovered, and manually maintained information.
- Identify inconsistencies and integration errors before they affect reporting, planning, downstream systems, or operational decisions.

AI-Assisted Discovery and Integration:

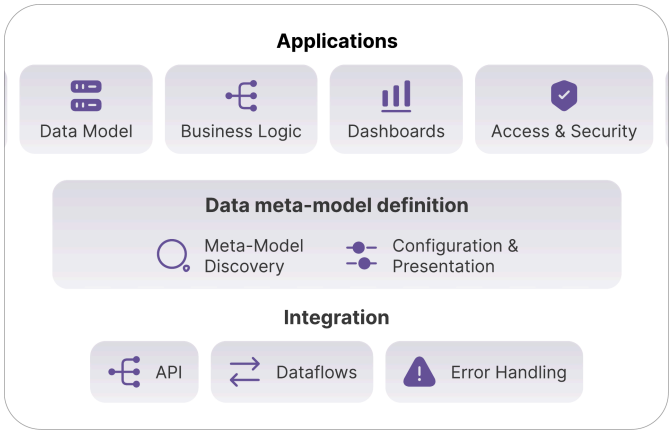
External systems do not remain static. Schemas change, new attributes appear, and vendor interfaces may behave differently across versions and deployments.

- An AI-assisted discovery agent can help interpret incoming data, recognize changes in external structures, provide context around integration errors, and assist with adapting mappings and discovery logic.
- The underlying information remains structured and subject to deterministic validation. AI adds flexibility around the integration layer rather than replacing reliable data collection.

Conversational Data Access:

- Applications built on Pangolin can provide natural-language interaction with the structured information in the platform.
- Users can ask about infrastructure, inventory, utilization, capacity, topology, or other data without depending entirely on predefined dashboards or navigating multiple screens.

How Pangolin Works



Configuration Tool

Define entity types, properties, relationships, application interfaces, security settings, validation rules, and other configuration without redesigning the application architecture.

User-Facing Applications

Deliver configured dashboards, workflows, visualizations, reporting, and data-management capabilities to end users. Different teams work with the same information through interfaces designed around their tasks.

Integration Framework

Manage data exchange with databases, APIs, OSS/BSS systems, network infrastructure, and other external sources. Structured transformation and validation remain the foundation, while AI-assisted agents help handle changes, exceptions, and evolving integration requirements.

Professional Services

Consulting

Analyze existing systems, data sources, operational workflows, and integration requirements to define the appropriate Pangolin-based solution architecture.

Implementation

Configure data models, interfaces, dashboards, integrations, validation rules, security, and workflows according to project requirements.

Integration

Connect Pangolin applications with existing network systems, OSS/BSS platforms, databases, APIs, and vendor environments.

Ongoing Support

Continuous technical assistance, platform maintenance, configuration updates, and support as the operator's environment evolves.

Ready to Build Around Your Network?

Create telecom applications that can evolve with your infrastructure, data sources, and operational requirements.

Request a Demo **Contact Us**

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