



SOLUTION BRIEF

HELPING MOBILE OPERATORS TO UNLEASH THE FULL POTENTIAL OF IOT

IoT Connectivity Challenges for Mobile Operators

As IoT continues to pervade the enterprise and consumer worlds, the Telecommunications industry stands at the crossroads of new revenue streams and new challenges brought by this connectivity revolution.

- A scalable solution for service expansion from domestic to global markets ensuring connectivity and coverage to their end customers worldwide
- Managing higher subscription costs with existing Connectivity Management Platforms & complexity of connection life-cycle via a single platform
- Securely extending the device control, data and services to enterprises and developers
- Broadening and diversifying the portfolio with more specialized vertical applications like connected cars
- IoT Ecosystem Enablement capabilities for a long-term competitive advantage with clear path to monetization

Airlinq solves these challenges with its robust technology stack providing a holistic and secure service to meet the complex demands of IoT customers and deliver value across the IoT value chain.



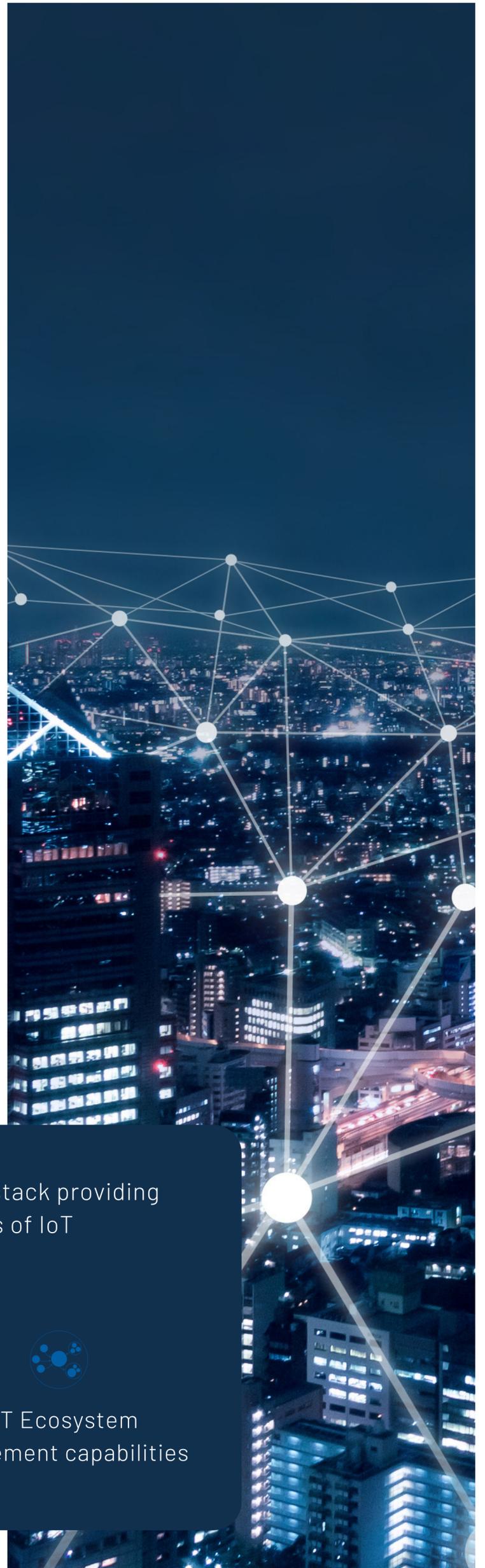
Benchmarked for
50M + devices



Operator relationships
in 180+ countries

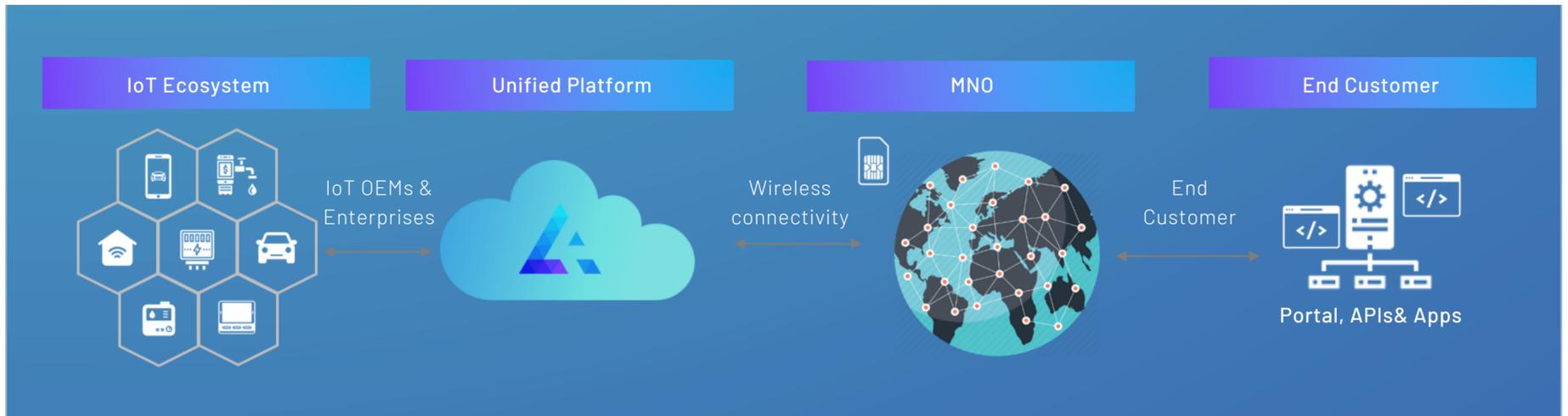


IoT Ecosystem
Enablement capabilities



Solution Offering

Airlinq's platform help MNOs to maximize IoT revenue streams from an integrated, accessible, and easy to activate global enterprise and consumer IoT services ecosystem



AIR:CONTROL - GLOBAL IOT CONNECTIVITY

AIR:CONTROL is a Cloud based Global Connectivity Management Platform that enables mobile operators to launch and manage their IoT services on global scale. Its multi-tenant and micro-service driven architecture enables complete management and control over the connectivity of devices throughout their lifecycle and extend real-time visibility into device status; Identify & troubleshoot connectivity, and ensure higher service availability to the end customers.

Its ready to use API library empowers operators to integrate with enterprise systems & their network for quick deployment and launch and deliver the same services, capabilities and experience across all regions of MNO.

Device Management

Manage end-to-end SIM life-cycle from provisioning, activation, and control, with connectivity cost and spend analysis of IoT devices on a global scale.

Monitoring & Diagnostic

Monitor usage & device status empowering MNO/Enterprise with quick troubleshooting measures and root cause analysis.



AIR:CONTROL

Multi-Party Billing

Enable service-based billing tailored to meet the needs of your IoT operations, accounting not only for connectivity but also for devices, applications, and bundled IoT services.

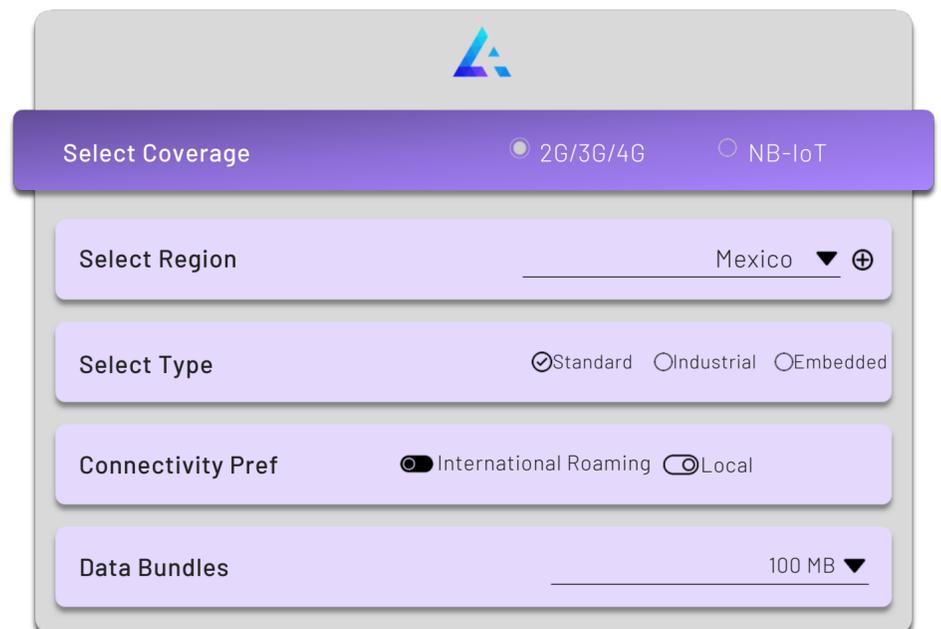
RESTful APIs

Integrate easily with your existing business processes and IoT applications with all functionality accessible via API calls. Build new applications easily.

One Click Connectivity – Local and Global

One time unified integration delivering the same services, capabilities and experience across all regions of MNO.

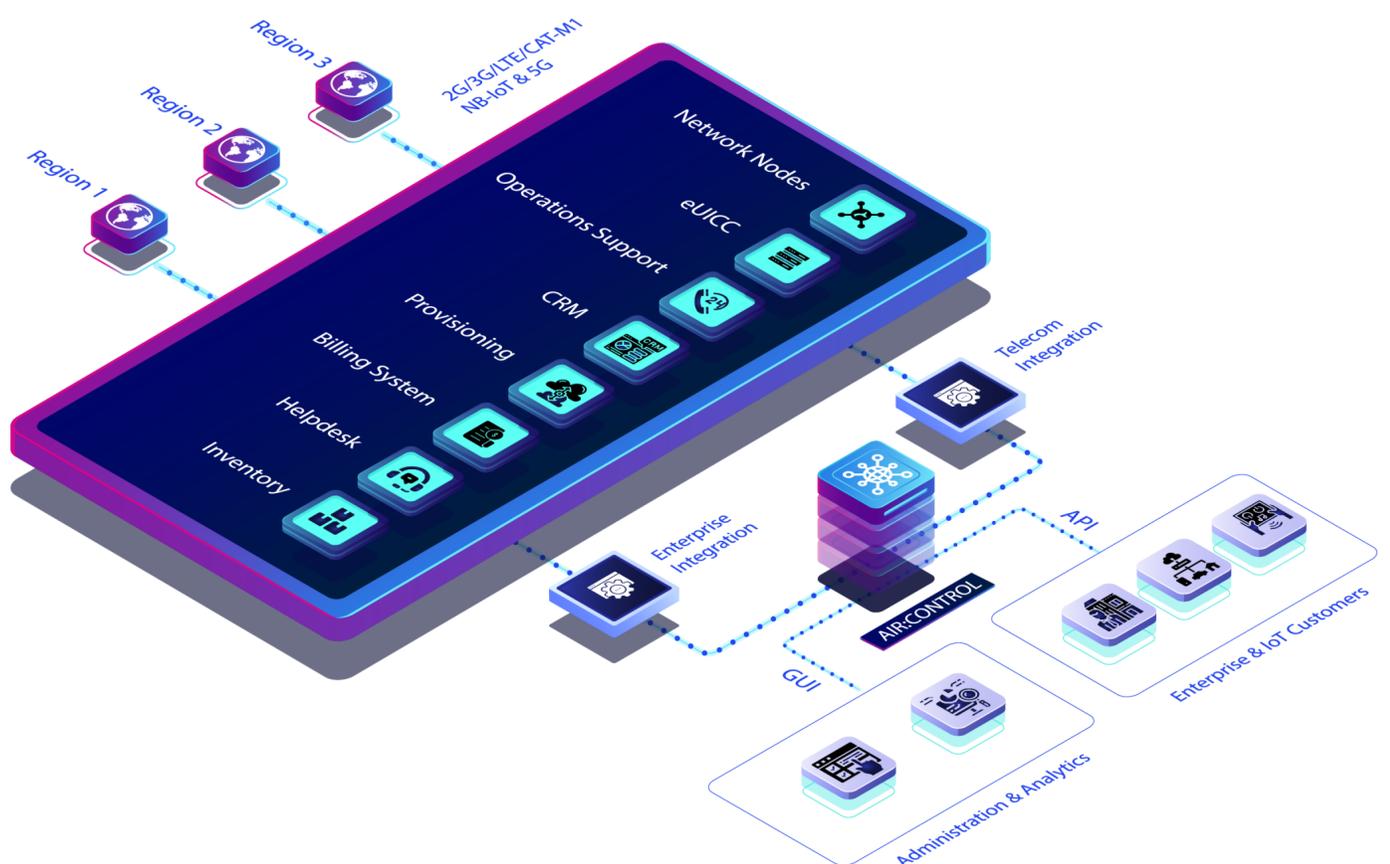
- A secure IoT Portal ordering
- Real-time order notifications to partner systems and customers
- Seamless integration with MNO's fulfilment systems
- Order devices from anywhere for country specific deployments



The screenshot shows a user interface for selecting IoT connectivity. At the top, there's a header with the Airlinq logo. Below it, a purple bar contains 'Select Coverage' with radio buttons for '2G/3G/4G' (selected) and 'NB-IoT'. Underneath, there are several white panels with purple borders: 'Select Region' with a dropdown menu showing 'Mexico'; 'Select Type' with radio buttons for 'Standard' (selected), 'Industrial', and 'Embedded'; 'Connectivity Pref' with a toggle for 'International Roaming' (selected) and 'Local'; and 'Data Bundles' with a dropdown menu showing '100 MB'.

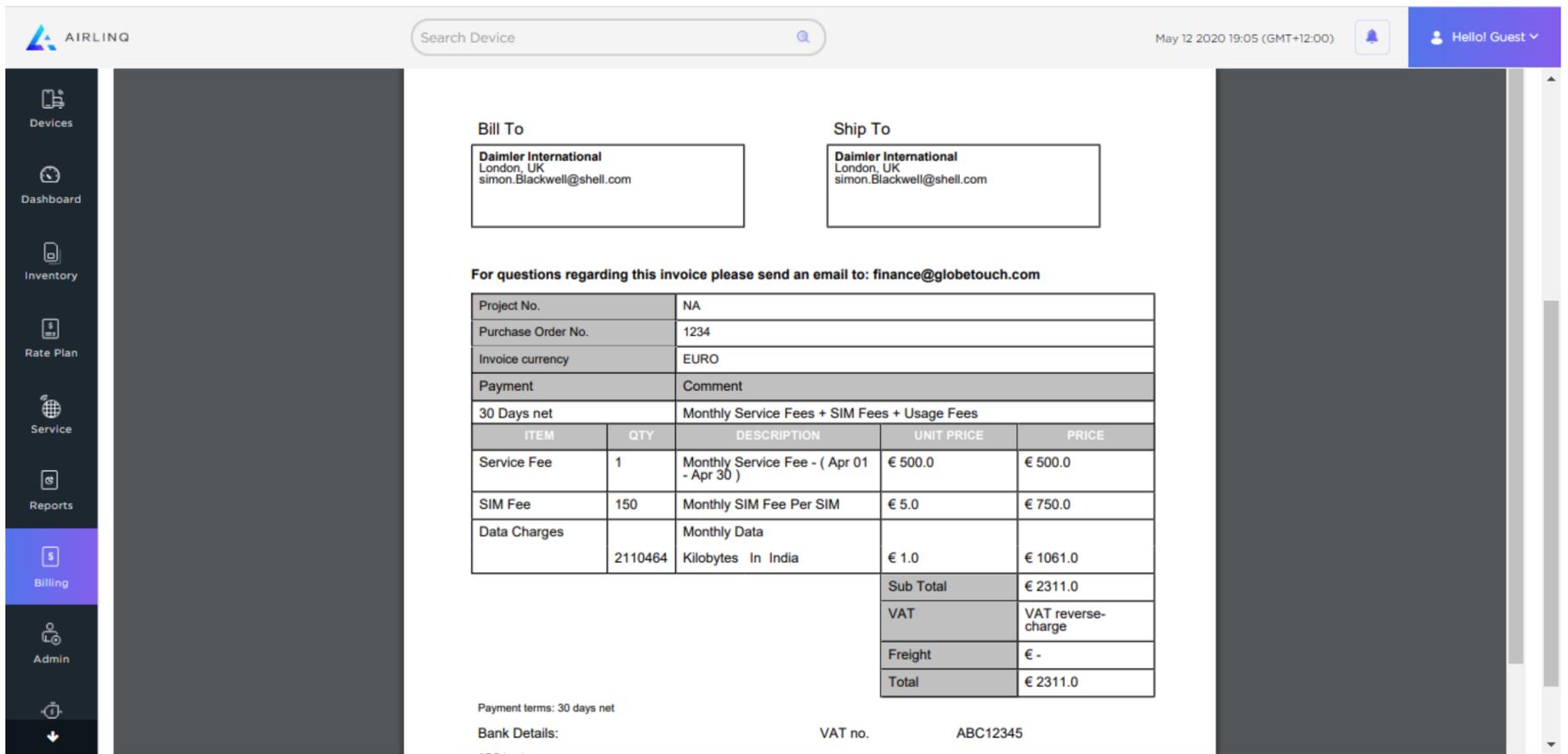
One API Interface for Global Coverage

The platform is built to integrate easily into your existing business systems and processes with every functionality accessible via APIs built on a service orientated architecture with micro-service components.



Multi-Party Split Billing

A comprehensive multi-party billing functionality that meets all the needs of the modern IoT world. Tailored to the needs of your IoT operations, it enables to charge not only for connectivity, but also for IoT devices, vertical applications and bundled services. Split billing gives flexibility to charge multiple parties as per the data usage on a single connection based on pre-defined rules. The platform lets you gather and process data collected from your network, IoT device infrastructure, applications and other data sources in real time, and charge it in prepaid, postpaid or mixed models.



The screenshot displays the Airlinq Billing interface. At the top, there is a search bar for devices and a user profile for 'Hello! Guest'. The main content area shows an invoice for 'Daimler International' with the following details:

- Bill To:** Daimler International, London, UK, simon.Blackwell@shell.com
- Ship To:** Daimler International, London, UK, simon.Blackwell@shell.com
- For questions regarding this invoice please send an email to:** finance@globetouch.com

ITEM	QTY	DESCRIPTION	UNIT PRICE	PRICE
Service Fee	1	Monthly Service Fee - (Apr 01 - Apr 30)	€ 500.0	€ 500.0
SIM Fee	150	Monthly SIM Fee Per SIM	€ 5.0	€ 750.0
Data Charges	2110464	Monthly Data Kilobytes In India	€ 1.0	€ 1061.0
Sub Total				€ 2311.0
VAT				VAT reverse-charge
Freight				€ -
Total				€ 2311.0

Additional invoice details include: Project No. NA, Purchase Order No. 1234, Invoice currency EURO, and Payment terms: 30 days net. Bank Details and VAT no. ABC12345 are also listed.

ABOUT AIRLINQ

Airlinq is accelerating the development and deployment of large scale connected applications around smart mobility and ecosystem monetization for automakers, mobile network operators and enterprises around the world. Our highly scalable and globally available platform is ready to support millions of connected assets and vehicles with mission-critical latency, security and reliability.



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Hero

TATA



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