

The M2m Platform gives Operators the ability to handle all kinds of M2M Service requests from Integrators, Devices Manufacturers, Service and Application Providers...

#### General feautres

- Fast time to market
- Operational cost efficiency
- Multi-Country and Multi-IMSI
- Safe and non-intrusive to the Operatoror's network
- Integration with any vertical
- Autonomous platform
- Robust, scalable and cost efficient
- Extremely flexible: quick response to new initiatives of M2M services and new business models



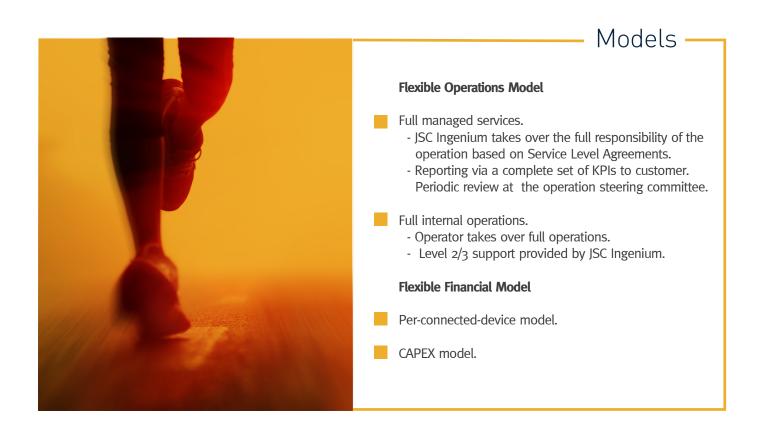
### Main advantages for Mobile Operators

- Centralized integration of all integrators/ manufacturers and customers
- Operational independence towards new integrations and maintenance
- Quick deployment of new verticals: less than one month
- Creation of customer profiles to monetize services
- Real time Risk control
- Fraud control
- Portfolio of value-added M2M services specialized by verticals

"IoT/M2M platform" www.jscingenium.com

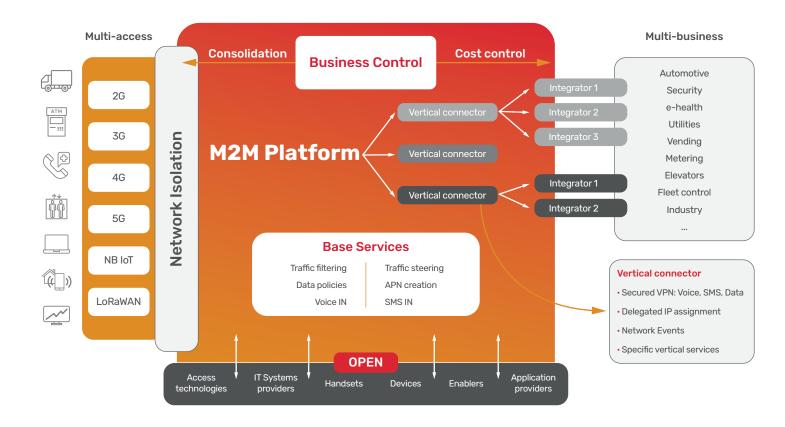
## Platform M2M

MULTI-ACCESS	Traffic Control	VAS	Cost Control		
2G	Multi-service intelligent network	Auto-provisioning	Consumption control		
3G	Real-time	Anti-hyperactivity system	Business	<b>←→</b>	
4G	traffic metering	Remote access VPN	performance monitoring		S
Wimax	Secured data	Enables off-site personnel to establish a		<b>→</b>	VERTICAL
Wi-Fi	and SMS VPN	bidirectional	Revenue assurance	<b>←→</b>	VERT
Fixed	Anti-DDoS system	communications securely	Anti-fraud system Limiting communication		
xDSL/ Fiber	Self-management platform for	Multi-device authentication	between only the SIM and the central system	<b>→→</b>	
	SIMs and routing	and remote opening system			





### Platform M2M



#### M2M Platform

- Network Isolation
  - New deployments have no impact on the Network.
  - Integrate once, run always.
- Real Time Traffic Control
  - Multi-Service Intelligent Network.
  - Real Time traffic metering.
- Business Control
  - Real Time traffic/cost metering.
  - Service Monetizing, Rating and Billing.
  - Revenue Assurance.
- Supervised Self-Configured Traffic Routing
  - Network Operator decides which traffic routing options are available to customers.
  - Customers self-configure traffic routing.
  - Operator is notified of any change.
  - Self care: provisioning, reporting...
- Integral Web Based Customer Interface Continuous Event Reporting
  - Event Detail Records / Triggers (WS SOAP, WS Rest...).

- Device IP address assignment (Supervised and VPN-Aware)
  - Internal dynamic (pool based).
  - Internal fixed (self-configurable).
  - Delegated to customer (Radius).
- Secured Access
  - IMEI check.
  - Expected location check.
  - Tailored service profile.
  - Network registry history.
- End-to-End Secured Traffic
  - Redundant VPNs.
  - Denial Of Service Protection.
  - Fraud Protection.
  - No Hiperactivity.
- M<sub>2</sub>M Service Profiling
  - Flexible per customer Service assignment.
  - Flexible per customer/application Policies.
  - Service/Policies Monetizing.

"IoT/M2M platform" www.jscingenium.com

#### Success Stories

#### Alai Secure



Alai Secure is Spain's first exclusive M2M/IoT operator specialising in Telco Security. It launched its own special High Performance SIM card for M2M/IoT communications onto the market in 2015. It has the most comprehensive portfolio of Telco Security services deployed and operational in some of the main verticals:

**Private Security** Social-healthcare **Telecare** 

Fleet location and management

Metering

It provides a service to some of the leading business groups in Spain in the provision of comprehensive services, in some of their main verticals: private security, social-healthcare, facility services, authentication and access control. It offers a secure opening system.







### Imagina Ingenio



Provides a real-time telemetry service to vending operators –mainly in the tobacco sector: monitoring and providing remote control of stock, breakdowns, incidents and delays in revenue collection. Remote changing of prices and a complete reset of the terminal is also possible. Also, includes a secure remote opening system.

# Nayar Systems



An engineering company specialising in landline communications management and M2M/IoT in the elevator sector. Communications are secured by a data VPN between the central office and the network of elevators to ensure security in monitoring, control and remote confirmation of faults and battery alerts, as well as in reactivating devices.