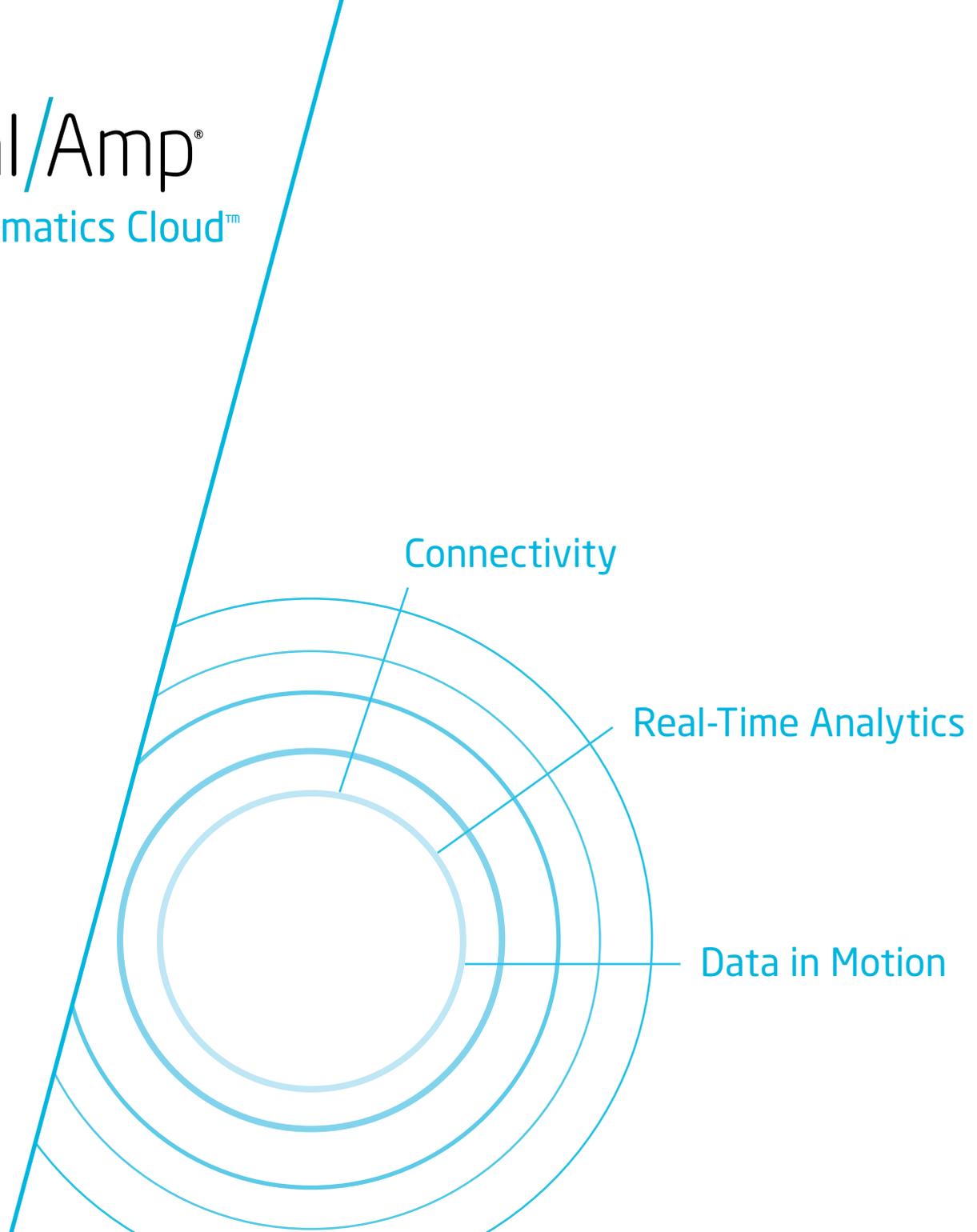# Cal/Amp®

Telematics Cloud™

Connectivity

Real-Time Analytics

Data in Motion

Extensive cloud-based service enablement platform for IoT solutions

The Calamp Telematics Cloud simplifies the commercial deployment of complex, scalable Internet of Things (IoT) solutions by facilitating the transformation of data from remote and mobile assets to actionable business information.

With a comprehensive suite of services that link vertical, back-end applications to remote assets, the CalAmp Telematics Cloud streamlines integration with existing enterprise applications and provides significant time-to-market advantages for customers deploying enterprise class IoT solutions.

The CalAmp Telematics Cloud platform is comprised of a comprehensive set of services that include device communications and data delivery, data storage, data analytics, device and wireless network management, subscription management, billing services, and much more. Tightly integrated with CalAmp's broad portfolio of devices, the CalAmp Telematics Cloud has a rich set of APIs and RESTFUL web services that goes well beyond what is offered by typical standalone M2M platforms or traditional wireless carrier portals to provide unparalleled levels of vertical integration.

With a Service Oriented Architecture (SOA), the CalAmp Telematics Cloud abstracts device communications to a common set of API's across a range of wireless network technologies, providing a common application interface for cellular, satellite or private radio wireless networks. By abstracting device communications and network management services, the CalAmp Telematics Cloud provides a consistent, stable application interface that enables adopters to innovate and expand their IoT solutions as technologies and business needs evolve without having to modify their applications.

The CalAmp Telematics Cloud is designed for seamless integration with ecosystem partner platforms and services as well, making it highly flexible and ideal for an array of engagement models. In addition to its suite of web services, the CalAmp Telematics Cloud is tightly integrated with tier-one Mobile Network Operator (MNO) and Mobile Virtual Network Operator (MVNOs) platforms worldwide to facilitate provisioning and delivery of optimized, reliable wireless communications services for global IoT solutions.

The CalAmp Telematics Advantage

As the foundation of a comprehensive managed solution, the CalAmp Telematics Cloud delivers the intelligent, business-critical information enterprises need to quickly act upon dynamic conditions in the field, providing clear differentiation and a demonstrable ROI.

Connect
SIMPLIFY THE CONNECTED WORLD
Manage assets through CalAmp devices connected to cloud-based services & infrastructure to enhance intelligent business decisions

Configure
TAILORED FIT FOR IoT
Define rules and actions on devices to optimize and automate communications to accelerate business responsiveness

Control
UNIFIED INTEGRATION AND MANAGEMENT
Remotely control devices using a single secure interface to manage connectivity, device and platform configuration, and data communications

Capital
SCALABLE AND EFFICIENT
Data architecture to support flexible data requirements with storage options to support changing needs of users to collect and process data

Capitalize
REVITALIZE BUSINESS COMPETITIVENESS
Efficiently capture, store, merge, analyze, visualize, and share data to drive meaningful business insights

Cloud-Based IoT Enablement Platform

CalAmp provides seamless connectivity and integration that link vertical applications to remote assets, extending the reach and value of enterprise applications. The cloud based architecture offers a single point of integration, for simplified access to a broad set of critical capabilities required by every IoT solution, including:

- Data delivery, storage, processing and analytics
- Asset and device communications, management and control
- Mobile Network Operator connectivity and management
- Device provisioning and configuration
- Account and subscription management and billingkeep drivers connected to their digital life, while providing peace of mind.

Security

High-availability cloud-based platform

True cloud-based delivery model provides highly available solution that can be scaled quickly and easily based on business need.

- Auto-scaling automatically increases computing capacity to maintain performance during demand spikes
- Elastic load balancing automatically distributes incoming traffic to deliver high degree of fault tolerance
- Automated, 24/7 system monitoring
- Secure highly scalable storage

Secure reliable access

The cloud-based platform is a highly secure and reliable platform that protects user privacy at all levels, from physical security to online attacks. The security ecosystem offers:

- Sarbanes-Oxley (SOX) compliance
- Account access protection
- Proactive security vulnerability scanning
- Secure VPN tunnels to wireless carrier & client networks

Why CalAmp Telematics Cloud?

The CalAmp Telematics Cloud enables enterprises to advance innovation and improve competitiveness by leveraging web services to deliver deeper insights into their remote assets while boosting productivity.

Time-To-Value
Speed time-to-value with a turnkey platform-as-a-service solution which includes integrated devices, mobile network connectivity, and a robust set of application services to create a tailored solution.

Flexible
A variety of device, connectivity and configuration options are available to address a wide variety of application use cases.

Safe and Efficient
Exploit CalAmp expertise and proven web-based platform representing the apex of technology and device communication, to reduce risk with independently audited infrastructure that securely protects information from end-to-end.

Scalable
Reduce costs leveraging the CalAmp Telematics Cloud based offering, to deploy faster, and scale quickly, applying a SaaS model to minimize infrastructure, reduce support and eliminate capital costs.

Simplify
Directly link intelligent devices with enterprise applications to enhance competitiveness while leveraging a stable application interface to reduce the need to modify applications as technology and business needs change.

Who Benefits?

The cloud-based platform has broad market appeal for a variety of industries managing large and high value assets including:

- Transportation and logistics
- Enterprise fleet management
- Logistics, construction, vehicle rental companies
- Energy and utility companies
- Application and Software vendors

Key Features

Cloud-Based Platform-As-A-Service (PAAS) Solution

No infrastructure/datacenter required which results in lower up-front investment and reduced ongoing maintenance costs

Data Forwarding

Securely provides key asset data with a Service Oriented Architecture (SOA) for customer's backend processes and applications

Device Abstraction

Simplify deployment, management and control of CalAmp's broad range of IoT devices

Comprehensive APIs

Rich services to facilitate application development, deployment and management

Device Management & Control

Full lifecycle support for deployed devices

Data Storage

Hosts scalable mobile and remote asset data for processingand analytics

Network Management

Integrated w/ tier-one Mobile Network Operator (MNO) worldwide
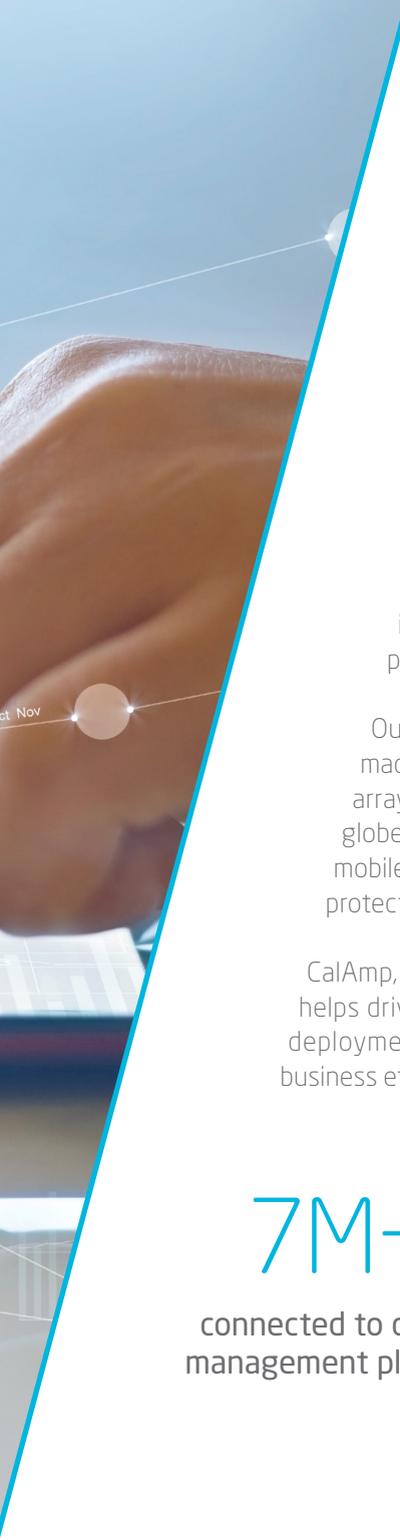
Bundled Airtime

Support competitive rates leveraging numerous global MNO & MVNO networks

Integrated App Store

Facilitates layering new services and incremental capabilities to deployed assets and solutions

CalAmp Overview

At the Forefront of the Connected Vehicle Economy and the Emerging Industrial Internet of Machines

CalAmp is a telematics pioneer leading transformation in the connected vehicle and Industrial Internet of Machines marketplace. Through our software applications, scalable cloud services and intelligent devices, we inspire a new world of daring opportunities. Industries like fleet transportation, insurance, consumer goods and construction are discovering new ways to drive productivity with our complete end-to-end telematics solutions.

Our expertise is rooted in our deep knowledge of the complexities of machine-to-machine communications (M2M) and the unique challenges and demands of a wide array of vertical markets. We help reinvent businesses and improve lives around the globe with technology solutions that collect and assess business-critical data from mobile assets, cargo, companies, cities and people. Our solutions play a critical role in protecting valuable assets, optimizing resource utilization and improving road safety.

CalAmp, along with our global network of LoJack licensees and industry partnerships, helps drive business efficiencies on a global scale by simplifying complex mobile IoT deployments and powering autonomous machine interaction leading to increased business efficiency and enhanced road safety.

7M+
connected to device
management platform

20M+
telematics products
installed globally

650,000+
software and service
subscribers

Cal/Amp®

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