iDigi® Device Cloud™

Connecting Any Application to Anything, Anywhere

Overview

The iDigi Device Cloud is a public cloud platform-as-a-service (PaaS) that provides highly effective application integration with device networks. It is driving The Internet of ANYthing™, connecting any application, anywhere, to anything, anywhere.

Solving the inherent challenges of two-way communication between applications and devices, and addressing the key issues of massive scalability, infrastructure, security and life-cycle management over a wide variety of connection types, iDigi simplifies device network management and application development. Connecting devices and web, mobile or traditional applications to the iDigi Device Cloud is made easy through published APIs and development kits, such as the iDigi® Connector™.

The iDigi Developer Cloud
Serving the needs of research and development, testing, prototyping and demonstration, the iDigi Developer Cloud provides a safe test-bed for developers preparing for a launch of their solution. The Developer Cloud portal includes tools, reference designs, device developer kits and tutorials about deploying device network applications. Learn more at http://developer.idigi.com.

The iDigi Device Cloud
The iDigi Device Cloud is a production environment designed and tested to meet the rigorous requirements of large-scale device network deployments. Our two device clouds in the U.S. and Europe provide high availability, minimal latency, on-demand scalability, data security and active monitoring.

Learn more at www.idigi.com or call 1-877-IDIGI-EZ.

Features/Benefits

- Free application development platform
- Simple application integration through open, published APIs
- Removes the need for costly infrastructure and scalability planning
- Broadcast network grade service availability, ensuring uniterrupted, reliable service
- Usage-only based fees and low cost of service
- Instant connectivity to both Digi and non-Digi devices
- Adheres strictly to industry-leading security protocols
- Asynchronous event updates and alerts facilitate optimum monitoring and control
- VPN service provides encrypted Internet tunnel to the iDigi Device Cloud

Scalability

Today's device network deployments must be able to adapt and expand seamlessly to support large numbers of devices, data-points and messaging. Depending on application requirements, the throughput requirements can easily exceed the transactional levels of today's global social network services. The iDigi Device Cloud's throughput capability sets the standard for verified scalability elasticity.

Service Reliability

The iDigi Device Cloud is designed to meet or exceed service availability requirements through commercial class clustering and fail-over technologies. On par with the service availability requirements of major media broadcast networks, the iDigi operations organization manages and monitors the iDigi Device Cloud 24 hours a day, year-round, with service performance statistics and data readily accessible.

Security and VPN Service

The iDigi security policy is based upon a control matrix developed to support the standards set forth by the National Institute of Standards and Technology (NIST), ISO/IEC 27002, North American Electric Reliability Corporation - Critical Infrastructure Protection (NERC-CIP) and the Cloud Security Alliance (CSA). Within the cloud, iDigi security technologies and processes prevent, detect, respond to and audit cyber threats on a continuous basis. The iDigi Virtual Private Network (VPN) Service equips businesses with an additional layer of security to conduct secure transactions between devices and the iDigi Device Cloud over the public Internet. With the iDigi VPN, a business will benefit from superior reach, quality of service and cost savings.

Infrastructure

The iDigi Device Clouds are currently hosted at commercial-class SAS 70 certified facilities in Chicago and London. EU-based customers with iDigi accounts hosted on the London cloud benefit from minimal latency and are assured that their data stays within the EU. Both clouds are monitored and supported 24 hours per day, year-round.

Simple Device Integration

All Digi gateways, routers and embedded components feature iDigi and are pre-registered on the iDigi platform, ensuring access to iDigi applications. This includes the ConnectPort® and Digi TransPort® product families and the ConnectCore®, XBee® and Rabbit® component product families. Additionally, non-Digi devices can be easily integrated to the iDigi platform using the iDigi Connector, which includes a reference design for Linux.

iDigi® Manager Pro™

The iDigi Manager Pro SaaS (Software as a Service) application delivers capabilities that empower IT and network operations, while addressing the challenges of managing large device networks, such as:

- Centralized control over large device populations
- Reducing service complexity
- Maintaining high levels of security
- Provisioning of new equipment
- Decommissioning of equipment
- Adding functionality to device networks

For more information about the iDigi Device Cloud and iDigi Manager Pro, please visit www.idigi.com.

Digi International Worldwide HQ
11001 Bren Road East
Minnetonka, MN 55343

800-IDIGI-EZ
952-912-3444

www.idigi.com

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