

# iDigi® Device Cloud™

Connecting Any Application to Anything, Anywhere

Scalable, on-demand, secure cloud computing platform offers device management and application integration services.

## 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. The iDigi Device Cloud solves the inherent challenges of two-way communication between applications and devices, addressing the key issues of massive scalability, infrastructure, security and life-cycle management over a wide variety of connection types, including broadband, cellular and satellite.

The iDigi Device Cloud simplifies the complexities of device network management and dramatically shortens the timeframe to bring applications to market. Connecting your 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. Hosted on a commercial-class infrastructure utilizing virtual and dedicated resources, the iDigi Device Cloud provides on-demand scaling, active monitoring and high-availability of services delivered with the assurance of the iDigi security policy.

Learn more at [www.idigi.com](http://www.idigi.com) or call 1-877-IDIG-EZ.



## Diagram



## 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 uninterrupted, 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 Cloud is hosted in multiple commercial-class SAS 70 certified facilities. Available in any region in the world, Digi supports our application partners 24 hours a day, year-round through iDigi technical support.

## Machine Device Support

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 the vast array of devices in device networks, such as:

- Centralized access and control of network equipment
- Complexity of services
- Security
- Provisioning of new equipment
- Decommissioning of equipment
- Adding functionality to the network
- Group management of devices



For more information about the iDigi Device Cloud and iDigi Manager Pro, please visit [www.idigi.com](http://www.idigi.com).

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