

# 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 Device Cloud serves the needs of developers, providing a safe test-bed for research, development, prototyping and demonstration, while also scaling to accommodate the full production requirements of large-scale network deployments. iDigi offers a suite of services and resources to its community of users, in the form of tools, reference guides, device developer kits and tutorials.

Learn more at [www.idigi.com](http://www.idigi.com).

## 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-based fees and low cost of service
- Instantly connect any M2M device
- Adheres strictly to industry-leading security protocols
- VPN service provides encrypted Internet tunnel to the iDigi Device Cloud
- Securely store and access time-series data to facilitate operational analysis
- Two device clouds located in the US and Europe
- Access time-series data to support operational analysis and business intelligence



## 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.

## Infrastructure

The iDigi Device Clouds are currently hosted at commercial-class SAS 70 certified facilities in the US and Europe. 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 organizations to address the challenges of managing large device networks, resulting in significant efficiency and productivity gains. Features include:

- Centralized, remote access via web browser
- Provisioning and decommissioning of equipment
- Alarms, groups and scheduled operations
- Management of global carrier subscriptions

Get started for free today and experience the reach of the iDigi Device Cloud for yourself.  
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