



# EasyTAP™

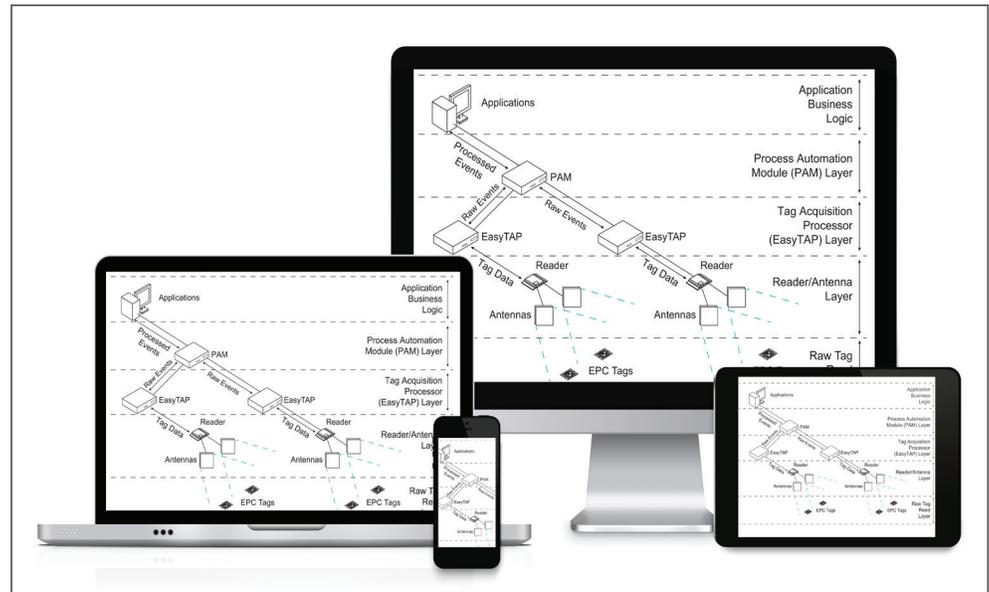
RFID middleware that gives you a three-dimensional operational view

## Advantages

- › Most accurate product on the market
- › Scalable for specialized needs
- › HL7 compliant
- › Identify movements, asset transitions and tag direction
- › TAP-VM middleware-based solution
- › Multiple data services and application integration standards compliance
- › Support for multiple security standards

## Options

- › Highly tailorable to fit your requirements



## Versatile Tracking Technology

**Quake Global introduces flexibility and choice into the world of active and passive RFID asset tracking with its EasyTAP™ solution. The EasyTAP can be:**

- › Tap-VM - A software-based solution delivered on a virtual machine

EasyTAP can quickly integrate directly to any standards-compliant Enterprise Resource Planning system (ERP) and/or visibility platforms to create a hybrid solution that can track assets using both passive and active RFID technology.

## Complete Asset Visibility

EasyTAP is the industry's first intelligent RFID networking solution to combine real-time, adaptive control of RFID readers, location-aware tag data processing, and standards-based data services for applications that use RFID data. EasyTAP provides a single API that can be integrated with an enterprise-wide visibility platform, creating complete track and trace visibility in:

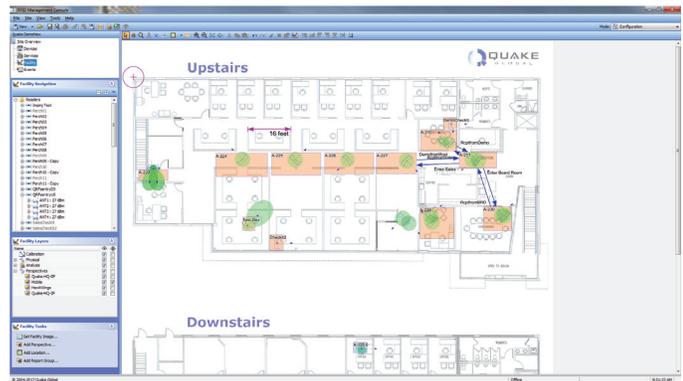
- › Healthcare – use active tags for healthcare providers; use inexpensive passive RFID wristbands for patients in high turnover environments such as the ED (Emergency Department) and OR, rugged passive RFID asset tags for valuable, mobile assets (beds, respirators, IV pumps, and crash carts), and use passive RFID labels for specimens, apparel and consumables.
- › Manufacturing – use active tags for tracking high-value equipment (in-plant vehicles); use passive tags for hand tools, materials, stock, and consumable MRO items.
- › Logistics – link an active RFID tag on a shipping container to the passive RFID tags of items inside. When the container contents change, inventory and tracking updates are recorded instantaneously.

# The EasyTAP™ Platform

The introduction of EasyTAP to a customer's facility transforms a collection of autonomous readers into a reliable and scalable RFID data platform. EasyTAP's algorithms provide functions such as:

- › Eliminating stray RFID reads
- › Discerning when an RFID tag is stationary or moving
- › Configuring and monitoring RFID infrastructure
- › Drag-and-drop configuration of new RFID infrastructure with an innovative UI

The EasyTAP platform includes a pre-packaged, open Java environment on which RFID edge applications can be hosted. Quake Global's partners and customers have built streamlined workflow applications that run on EasyTAP using a library of APIs.



## Tag and Reader Support

RFID tags and tag formats

EPC C1G2/ISO 18000-6C, EPCglobal TDS, US DoD Passive Tag Specs.

RFID Readers

EasyTAP supports any reader that supports the LLRP Standard Interface.

Data Services and application integration

Standards  
EPCglobal Application Level Events (ALE), EPCIS Data Capture Interface  
SQL, Java Message Services, WSDL Web Services.

Security Support

HTTPS, SSL, SSH; Control - Multi-level administration access

### Rapid Deployment

- › Plug-and-Play
- › Graphical configuration
- › Minimal IT support required
- › Automatic reader parameterization

### Easy Replication

- › Duplicating deployed configurations reduces integration and support costs.

### Designed for Quality

- › Automatic failover and redundancy
- › Load sharing through distribution of data and network services

## Markets Served



Healthcare



Logistics



Manufacturing

## About Quake Global

Quake Global is the global leader in RFID software, service and solution development with more than 500 successful projects worldwide and 10 patents in RFID software for the Healthcare, Government, Aerospace and Financial Services markets. Global corporations in 50 countries leverage Quake Global's patented RFID software to achieve accuracy, speed, and visibility for their RFID deployments.