

## Intelligent identities for securing, authenticating and managing people, products and transactions.

### Features

*Mass serialised number generation*

*High Speed Authentication*

*Identity Relationship Mapping*

*Full cryptographic security*

*Simple web service integration*

*Identity life cycle management*

*Service Oriented Architecture (SOA)*

### Benefits

*Improved Business processes*

*Introduce New Business Processes*

*Support for Industry Mandates*

*Improved Security*

### What is Authentisec™?

Authentisec, from First Ondemand, is an award winning enterprise software platform designed to create very high volumes of unique, secured and 'intelligent' identities for people, products and transactions.

### Why would I need it?

Authentisec views everything as an object and gives each object a cryptographically secured unique identity. Each identity object has a defined lifecycle with information, status and meta-data assigned to it. This allows for an agile approach to integrating into business applications that need to implement improved process *and* security. Authentisec is particularly effective where the management of high value objects requires a robust, scalable and secure method of redemption or validation.

### Powerful business solutions

Authentisec enables Enterprises and System Integrators to enhance existing applications or create innovative new solutions where business processes involving people, products and transactions require improved visibility, efficiency and security.

### Ubiquitous

Authentisec is used in a wide variety of applications, including mobile ticketing, drug serialisation and retail insight. Authentisec identities offer a 'layered' security approach that builds upon traditional cryptographic methodologies.

### Ease of Integration

Authentisec can be integrated into existing environments to quickly deliver efficiency, security and cost benefits through effective use of SOA and Web Services.



## Authentisec™

### How does it work?

Authentisec enables the 'tagging' of physical and virtual objects with a unique identity. The Authentisec software environment delivers unique, non-reputable and cryptographically secured identities with full life cycle status controlled by business applications.

Authentisec identities cannot be compromised by duplication or counterfeiting, and can be applied as barcodes, RFID tags, smartcards or as a token (software or hardware). Identities are linked to an object lifecycle to allow function and process validation.

Usage can be controlled using Authentisec two factor authentication or linking to a biometric system. Authentication is processed over any standard IP network and carried out in real time.

### The Key to Identity Relationships

Identity relationships (hierarchical or associative), can be easily created and managed within Authentisec which is useful for creating linked identity and trust models.

### Reducing Fraud

Where fraud is committed due to poor processes and authentication, Authentisec technology can be simply integrated within a current process to track physical items, people, goods or electronic transactions such as financial payments and data exchanges.

### Future Proofed

Designed to be future proof, Authentisec is not tied to any particular data carrier. An 'Identity Object' can be created and deployed using a variety of carrier systems e.g. RFID tags, cards, paper based or digital systems. As technology changes, business process continuity can be maintained with minimal financial and security impacts upon an organisation.

Current methodologies do not typically support this type of capability, and are prone to security and process failure coupled with the high costs of management and deployment – Authentisec solves these issues.



Authentisec is available either as a transaction-based software platform or as an integrated software/hardware solution depending on your requirements.

First OnDemand is a member of Oracle's Enterprise Security & GRC Initiative.



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