U.are.U[®]Online Biometric Authentication Service

The leader in secure authentication services for the Internet

What's in it for you?

- Protect access to sensitive data on the Internet
- Meet privacy act requirements for medical and financial information
- Differentiate your service
- Promote trust in your brand
- Hosted 24 x 7 at a world-class
 NOC
- Award-winning U.are.U
 fingerprint technology
- Minimal capital investment
- Turnkey service; integrate into
- your service in less than a day
- No added administration



Internet security and privacy remain in the forefront of today's technology news and are the most prevalent concerns among individuals and businesses. The business liability of protecting sensitive customer information is increasing for Internet services as break-ins make frontpage news and the government legislates privacy protection acts. U.are.U Online Biometric Authentication Service represents a powerful solution for keeping online information readily accessible and ultimately secure. U.are.U Online provides fast, convenient user authentication over the web. Hosted at Exodus, our Service directly authenticates users on the Internet in one easy and secure step that protects their privacy. We have a secure infrastructure for transferring and hosting the user's authentication information, so you can rest assured that it is in good hands.

Proven Technology

U.are.U Online physically extends heightened security to your customers, replacing complicated passwords with the touch of a finger. The Service leverages the awardwinning fingerprint authentication technology from DigitalPersona used by tens of thousands of customers. Best of all, U.are.U Online quickly provides a state-ofthe-art security option with minimal capital expenditure and development effort. The Service is hosted at Exodus, the leading provider of complex Internet hosting for enterprises with mission-critical Internet operations. This world-class NOC is available 24x7 and trusted by many leading web companies.

Heighten Security, Differentiate Your Service

Many companies offering services over the web have made significant security investments to protect from outside attacks, but verifying user identity remains the weakest link in the Internet security chain. It's also the most visible form of security. With U.are.U Online Biometric Authentication Service, you will differentiate your service while easing your customers' security concerns. U.are.U Online equips your service with the most advanced direct authentication technology available, providing a high-impact security option.

Convenience for Your Customers

Advanced authentication technologies like biometrics allow users to access your service with a touch of a finger; no complicated passwords needed. Users never have to look for lost passwords or call your support line to reset their password.

Privacy by Design

U.are.U Online was designed from the ground up to protect the privacy of the users' biometric data. While state-of-theart security measures are used at Exodus to protect the Service from physical and electronic attack, it is the core design of the Service that ensures complete privacy. We have created a secure infrastructure for transferring the authentication information using a combination of encryption, digital certificates and PKI. The U.are.U Online Service uses fingerprint templates; fingerprint images are never stored and cannot be recreated from a template. The user's template is encrypted and stored under an anonymous account ID with no other individually identifiable data. This unique design provides the ultimate in privacy protection for you and your customers.

Easy Implementation

With U.are.U Online, it's easy to provide more secure and convenient access to your service. You can add our biometric authentication to your site in less than a day. It's that simple. Contact us today for more information.

U.are.U[°]Online

Biometric Authentication Service

End User

Plug-and-play Client Pack



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T3x2

U.are.U Online Service

Internet

T1/DSL

Hosted at Exodus **Biometric matching** Secure storage of biometric credentials

Service

Security

- Hosted at Exodus
 - Controlled physical access
 - · 24x7 onsite security personnel
- Multiple security layers
- 3 layer Firewall protection with ACL's
- Encrypted database
- Verisign Certification
- BBB Online Certification
- Truste Certification
- Distributed credential storage
- Anonymous, encrypted user accounts
- Symmetric key account protection - 128-bit HTTPS/SSL communication

Availability

- Exodus 24x7 NOC
- Power backup generators
- Dual T3 connections
- Database replication
- Dual tape backup systems
- DataSafe
- DataVault
- 24x7 remote service monitoring
- Keynote monitoring services
- Fail-over system design

Capacity

- 1 million users
- Scaleable to 100 million users

Performance

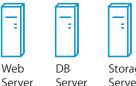
- Optimized to support 28.8 kbps modem users

Technical Support

- 3rd-level end-user phone support
- Online support center

Your Website

Fast integration with the U.are.U **Online Service Integration Pack**



- Server

Storage

U.are.U Online Service Integration Pack - Integration Guide

U.are.U Online System

- Trusted Internet Security Service hosted at

a world-class network operations center

U.are.U Online Service

U.are.U Online Client Pack

- Plug-and-Play Sensor - Software CD

- Sample Code - Client Pack

- User Guide

Service Integration Pack

System Software Requirements

- Supported Operating Systems
- Mac OS X
- Microsoft Windows® 2000
- Windows® NT 4.0
- Solaris 2.6
- Linux 6.2
- Supported Web Server Software
- Microsoft IIS 4.0 and 5.0
- Apache 1.3
- Supported Database Software
- Microsoft SQL Server 7
- Microsoft SQL Server 2000
- Microsoft Access
- Oracle8i

U.are.U Online Client Pack

- See adjacent column

Integration Guide

- Configuration specific
- Readme files
- Sample code (ASP, JSP, HTML, JavaScript)
- Sample server (COM, Java)
- Demonstration server source code
- FAQ's

Technical Support

- Phone, email, and online support

Demonstration Site

- Free 24x7 online demonstration site

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lh.group@lh-group.fi, www.lh-group.fi

Minimum Hardware Requirements - Windows PC with USB port

Operating System Support

- Microsoft Windows® 2000
- Windows® Me

Client Pack

- Windows[®] NT with SP 4 or later
- Windows® 98
- Windows® 95 OSR2

Web Browser Support

- Internet Explorer 4.0 or later
- Netscape Navigator 4.0 or later

U.are.U Fingerprint Sensor

- Convenience features
- Plug-n-play USB device
- Self-calibrating

Security features

Client Software CD

- Recognition engine

Can be downloaded

- Easy installation

- Device driver

- Auto image capture
- Image-captured LED 'blink'
- Rotation invariant

· Latent image removal

Encrypted transmission

Challenge-response link