



Arcot WebFort®

PKI-Based Strong Authentication
For Oracle Access Manager



DATA SHEET

Overview

Arcot WebFort is a 100% software, two-factor, strong authentication solution. WebFort lets you upgrade from simple username/passwords without changing your users' login experience or your critical business processes.

WebFort is a high performance authentication server that supports both password and strong two-factor authentication. The patented ArcotID "Software Smart Card" authenticates with WebFort to deliver PKI-strength two-factor authentication, completely in software.

WebFort integrates with your existing IAM, SSO or VPN applications quickly and easily. It enables you to meet regulatory or policy requirements for strong authentication while maintaining the low cost of software.

INTEGRATED STRONG AUTHENTICATION FOR ORACLE ACCESS MANAGER: Simple usernames and passwords are no longer sufficient for authenticating the identity of your Oracle Identity Management platform users. Regulatory requirements and identity theft concerns are driving you to upgrade to strong authentication. OTP tokens are expensive to manage, and do not protect you from Man-in-the-Middle attacks. Traditional PKI approaches are complex and expensive, and require you to overhaul your business processes.

HOW WEBFORT AND OAM INTEGRATE: WebFort seamlessly integrates with OAM and is completely transparent to your users. The WebGate module of OAM evaluates a user's request for resource access against OAM policies. If the OAM policy requires a higher level of authentication, WebGate enforces the policy via the ArcotID Software Smart Card. OAM will transparently pass the authentication request to the WebFort authentication server for a standard PKI-based challenge and response. The WebFort server will authenticate the ArcotID of the user. Once authenticated by WebFort, OAM will allow the user access. During this process, your user sees the same username/password login process he has always seen.

100% Software Two-factor Authentication

WebFort is a two-factor strong authentication solution. It adds the strength of PKI to any username/password login process without the complexity. It enables you to meet policy requirements for strong authentication while maintaining the low cost of software.

No Change to User Experience

WebFort lets you upgrade from simple username/passwords without changing your users' login experience or your critical business processes. You can add PKI-strength authentication to the SSO, Policy or Access Management products you already have.

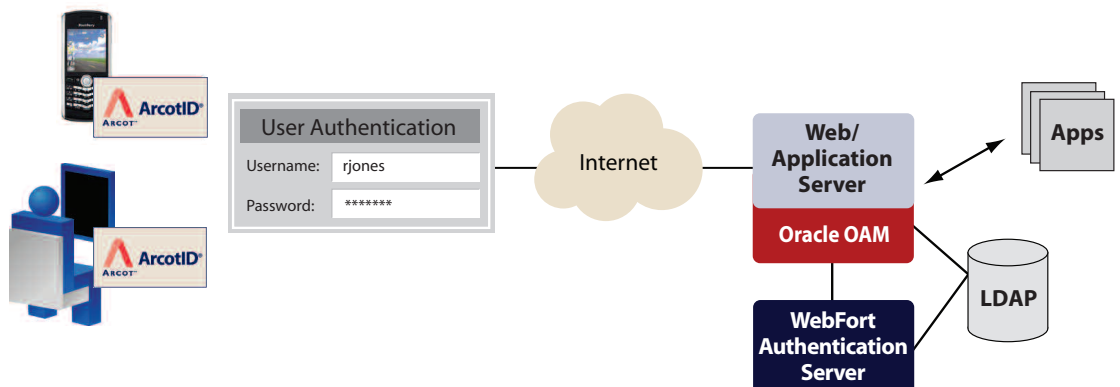
Strength of PKI, Simplicity of a Password

The ArcotID® is the only "Software Smart Card." It combines the protection of a hardware smart card with the lower cost and ease of use a software solution. The ArcotID file is the second factor, 'something you have'. You have complete flexibility for deploying it to your users, from loading it onto a PC, PDA or USB drive to downloading it on-demand.

Lowest Cost of Ownership

Our 100% software approach eliminates expensive desktop hardware or tokens. With Arcot, there is no hardware to lose, fail, or break. WebFort provides the lowest cost of ownership of any two-factor authentication solution on the market today.

ORACLE OAM WITH WEBFORT INTEGRATION



Desktop Platforms

Browsers

- MS Internet Explorer
- Mozilla Firefox
- Netscape Navigator
- Apple Safari

Operating Systems

- Microsoft Windows
- Mac OS X
- Linux

Server Platforms

Operating Systems

- Microsoft Windows Server
- Sun Solaris

Certificate Authorities

- OpenSSL
- VeriSign OnSite
- MS Certificate Server
- Entrust/PKI
- RSA Keon
- CyberTrust Unicert

Crypto Interfaces

- Microsoft CSP
- PKCS #110

Optional Hardware Security Modules

- nCipher

About Arcot Systems

Arcot Systems provides risk-based authentication, strong authentication, digital signing, and secure e-payment solutions. Arcot makes online transactions safe for millions of customers by blocking fraud and protecting access. Its 100% software solutions eliminate the need for expensive hardware and complex login processes. Arcot provides users with strong, PKI-based authentication with the simplicity of a password.

WEBFORT FEATURES AND BENEFITS

AUTHENTICATION METHOD	BENEFIT
ArcotID	Arcot's patented Software Smart Card delivers PKI-strength authentication without changing user behavior or your existing business processes.
PKI Challenge Response	Provides the same strong authentication as a physical smart card or USB security token by holding an X.509 certificate. Integrates with your existing PKI-based applications and infrastructure.
One-Time Password (RADIUS)	Enables you to replace your expensive OTP hardware tokens and replace them with the ArcotID.
Username/Password Against SQL or LDAP Directories	Integrates with your existing user management database/directories, eliminating the need for another database or directory.
Security Assertion Markup Language (SAML)	Enables federated authentication with your existing Identity and Access Management infrastructure.

Benefits

Eliminate Man-in-the-Middle attacks

WebFort prevents Man-in-the-Middle attacks, keeping remote access safe from Phishers and Pharmers. The ArcotID authenticates only with the domain that issued it, protecting you when One-Time Password tokens and Grid Pads cannot.

Deploy PKI-strength authentication invisibly

Your users never have to know that you upgraded them to PKI-strength authentication. They keep the same username and password, and WebFort adds PKI invisibly.

Protect existing infrastructure investment

WebFort integrates with your existing access management, PKI infrastructure and other security products, eliminating the need for you to upgrade other parts of your network to add strong authentication.

Lower your cost of ownership

WebFort delivers two-factor strong authentication completely in software, giving you the lower cost of ownership and simplicity of management that hardware-based alternatives cannot provide.

Meet regulatory requirements

Our customers use WebFort to meet a number of government and industry regulations for strong authentication, including FFIEC, SOX, HIPAA, SAFE, and IdenTrust.

Features

Fully self-contained PKI deployment

There are no additional elements of a PKI infrastructure to install or deploy—WebFort contains everything you need. WebFort is a single, integrated solution that eliminates the trauma of past PKI deployments.

Anytime, anywhere access

You can install the ArcotID on a PC, carry it on a USB drive, load it on a PDA, or even download it for secure remote access when you users are away from their PC.

High performance

Arcot designed WebFort with virtually unlimited scalability, unparalleled ease of use, and extremely low latency. You can upgrade your users to strong authentication without degrading application or network performance.

Unlimited scalability

WebFort can scale to verify and protect the identity of millions of users.

Future-ready authentication

WebFort provides the foundation for you to upgrade to other valuable business services like digital signing and authenticated eStatements, when you are ready.

Integrates with Arcot RiskFort™

Add risk-based authentication that blocks online fraud in real-time.

For more information, please visit www.Arcot.com, or contact your nearest sales office

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