



# Arcot WebFort® Versatile Authentication Server (VAS)

Consolidated Management for All User Authentication

## DATA SHEET

### Overview

Enables organizations to build a cohesive, comprehensive authentication strategy.

Authenticates users with a wide range of authentication methods. Supports authentication from PCs, Macs, and mobile phones. Allows mobile phone to be used as an authentication device.

Helps manage competing compliance demands by creating a central point for policy creation and enforcement.

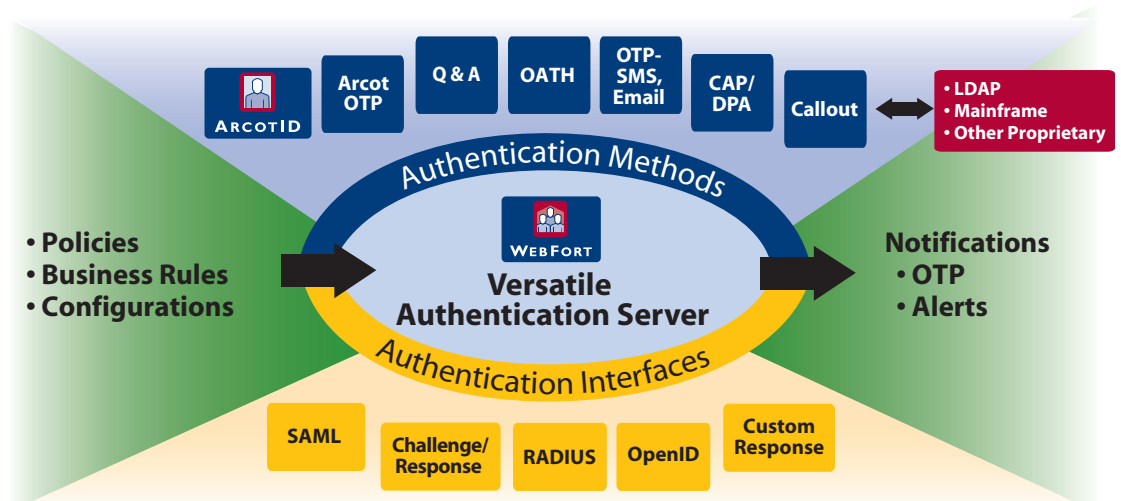
Eliminates redundant costs in the authentication chain by consolidating siloed authentication servers and processes.

**THE AUTHENTICATION CHALLENGE** For many organizations, relying on username/password for user authentication is no longer sufficient to meet internal policies or best practices. However, when organizations want to add stronger authentication for their users, they often face a variety of potentially conflicting demands: increasing the security of the authentication process while reducing the complexity; reducing the risk of financial losses or brand damage while increasing customer access to applications and data.

**THE WEBFORT VAS SOLUTION** Arcot WebFort Versatile Authentication Server (VAS) gives organizations a single solution on which to build a cohesive, comprehensive authentication strategy. WebFort VAS authenticates users with a wide range of authentication methods, giving you the flexibility to choose the authentication methods that best suit your user groups. It also helps you manage competing compliance demands by creating a central point for authentication policy creation and enforcement.

Organizations can add standards-based hardware and software authentication methods, as well as easily extend WebFort VAS via callouts to proprietary authentication methods. WebFort VAS gives organizations the ability to transition to new authentication technologies quickly while avoiding vendor lock-in. Organizations can add new authentication methods like the ArcotID® and ArcotOTP™ while continuing to support legacy technology, such as one-time password (OTP) tokens.

### WEBFORT VERSATILE AUTHENTICATION



## Desktop Platforms

### Browsers

- MS Internet Explorer
- Mozilla Firefox
- Apple Safari

### Client Support

- Microsoft Windows
- Mac OS X
- Linux
- All smart phone platforms

## Server Platforms

### Operating Systems

- Microsoft Windows Server
- Sun Solaris

## Mobile Platforms

- BlackBerry
- iPhone

## Crypto Interfaces

- Microsoft CSP
- PKCS #11

## About Arcot

Arcot is the cloud authentication leader. Our fraud prevention, strong authentication, and e-Document security solutions make Web transactions and online access safe for millions of consumer, enterprise, and e-Commerce users.

Organizations can transparently deploy stronger authentication and allow users to conveniently authenticate from any computer or mobile device. Arcot solutions deliver the right balance of cost, convenience and strength.

## ARCOTID AND ARCOTOTP: SOFTWARE-ONLY MULTIFACTOR AUTHENTICATION

The ArcotID is a secure software credential that provides multifactor authentication without the cost or inconvenience of hardware. It gives you the freedom to strengthen any username/password authentication process by transparently upgrading users to software-only PKI-based multifactor authentication.

WebFort hides the sophisticated public key infrastructure (PKI)-based challenge/response from your users, protecting their online identity while keeping the simplicity of a username/password. There is no need to change your users' familiar username/password-based sign-on experience or invest in expensive hardware to provide stronger authentication for customers, employees, or partners. The ArcotID's software-only form factor makes it easy to use, deploy, and manage. In addition to computers, the ArcotID can be deployed on a mobile phone providing two-factor authentication from a user's mobile device.

The ArcotOTP is an all purpose secure software passcode generator that supports standards including EMV and OATH. The user's mobile phone runs the ArcotOTP application that generates the dynamic passcode. Users simply enter a pin, read the one-time-password and type the OTP into the application's authentication prompt. ArcotOTP allows users to easily generate an OTP to shop online or gain account access with a device that is already part of their everyday life.

## ARCOT VERSATILE AUTHENTICATION

ArcotID	Mutual authentication	OATH-compliant Hardware OTP tokens	SAML
ArcotOTP	RADIUS	Out-of-Band OTP (email, SMS)	OpenID
Hardware EMV tokens	Proprietary OTP tokens	Scrambled PIN Pad	Q and A
In-Band Transaction Verification	Username/Password	LDAP	CAP/DPA

### Consolidate and Simplify

Consolidate all of your authentication technologies from a single server. WebFort VAS gives you greater control over diverse user groups, policies, and applications.

### Protect Consumer and Enterprise Users

WebFort VAS allows you to protect any size and type of user group, from a few thousand employees to tens of millions of consumers. WebFort VAS scales quickly and easily to handle your authentication demands.

### Block Man-in-the-Browser & Man-in-the-Middle Attacks

WebFort VAS, when used with the ArcotID, prevents MITB and MITM attacks, keeping users safe. Patent-pending Virtual Private Sessions prevent alteration or hijacking of data in sessions, and the ArcotID automatically prevents MITM attacks.

### Choose the Right Technology

WebFort VAS allows you to choose the authentication methods you need for your diverse groups of users and policies.

### Reduce Management Costs

Reduce costs and increase span-of-control by authenticating all of your users with a single server. Eliminate siloed authentication processes and technologies by adding WebFort versatile authentication server.

### Increase Compliance

WebFort VAS helps you meet government regulations and industry standards for strengthening Web authentication, protecting user data, and preventing identity theft.

### High Performance and Scalability

Arcot designed WebFort VAS with virtually unlimited scalability, unparalleled ease of use, and extremely low latency. You can protect millions of Web users without degrading application or network performance.

### Future-ready Authentication

WebFort VAS provides the foundation for you to upgrade to other valuable business services like secure delivery of eBills and eDocuments or digital signing of forms and documents, when you are ready.

For more information, please visit [www.Arcot.com](http://www.Arcot.com), or contact your nearest sales office

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