

BIO-key™

Revolutionizing Authentication

WEB-key 4.0

BIOMETRIC AUTHENTICATION PLATFORM

FOR ENTERPRISE IDENTITY AND ACCESS MANAGEMENT

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WE HELP MAKE **YOUR BUSINESS** MORE SECURE

About WEB-key 4.0

WEB-key is a flexible authentication engine structured around one of the world's most accurate and scalable biometric authentication platforms and designed to be the core solution for any size Identity and Access Management (IAM) system. WEB-key provides two key elements in the identity security framework. Identity of users involves:

- Authentication (Who you are)
- Authorization (What you can do)
- Availability (When and Where you can do it)
- Audit (When you did what)

Scalable User Population

WEB-key scales to meet the needs of the user population. WEB-key currently supports small installs of a few hundred users, up to and including large systems with 50 million users, WEB-key scales to meet the scope of the user population. WEB-key can establish an entire farm of servers, within a datacenter, or across datacenters to provide for high reliability through redundancy and replication, while maintaining performance scalability.

Big Data – a critical security challenge. WEB-key is a proven and trusted solution. WEB-key is ready and is operating in sites with 10's of millions of user re-

WEB-key manages the Authentication (Who you are) process through a broad set of available authenticators supported by BIO-key's award-winning fingerprint biometric algorithm. WEB-key also supports a full Audit Trail (Monitoring activity), with a comprehensive record of all the logon's, record updates and a tracking of the users' system and application information.

WEB-key delivers the data customers need through its flexible and filtered reporting and support systems.

WEB-key leverages the power and performance of industry standard SQL databases for its data storage and searching needs. These include:

- Oracle
- IBM DB2
- MS SQL Server (Express through Enterprise)
- MySQL Enterprise



Built for Today's Business

WEB-key streamlines user authentication in today's evolving business environment:

- On the factory floor or warehouse where more workers are interacting directly with order entry, inventory and other systems.
- At a retail bank, where more employees are accessing sensitive customer information.
- In a hospital or clinic, where clinicians and support staff with different authority and permissions may be using common workstations.
- For call centers and other support systems where access to data needs to be secure, and yet response times fast and efficient

Built for the Enterprise

WEB-key includes software components that reside on each end user workstation or other device and on the target application server, as well as on a dedicated WEB-key authentication server. Built for the enterprise, WEB-key is:

Scalable: BIO-key's Vector Segment Technology (VST) engine is designed for one-to-many matching against user populations of virtually any size

Cloud-ready: the WEB-key authentication server can be deployed in a public or private cloud for added scalability and reduced on-site IT resource demands

Secure: PKI encryption protects all data in transit between WEB-key components

Economical: BIO-key's solution is much less expensive than other biometric solutions, like iris scanning, that require specialized hardware

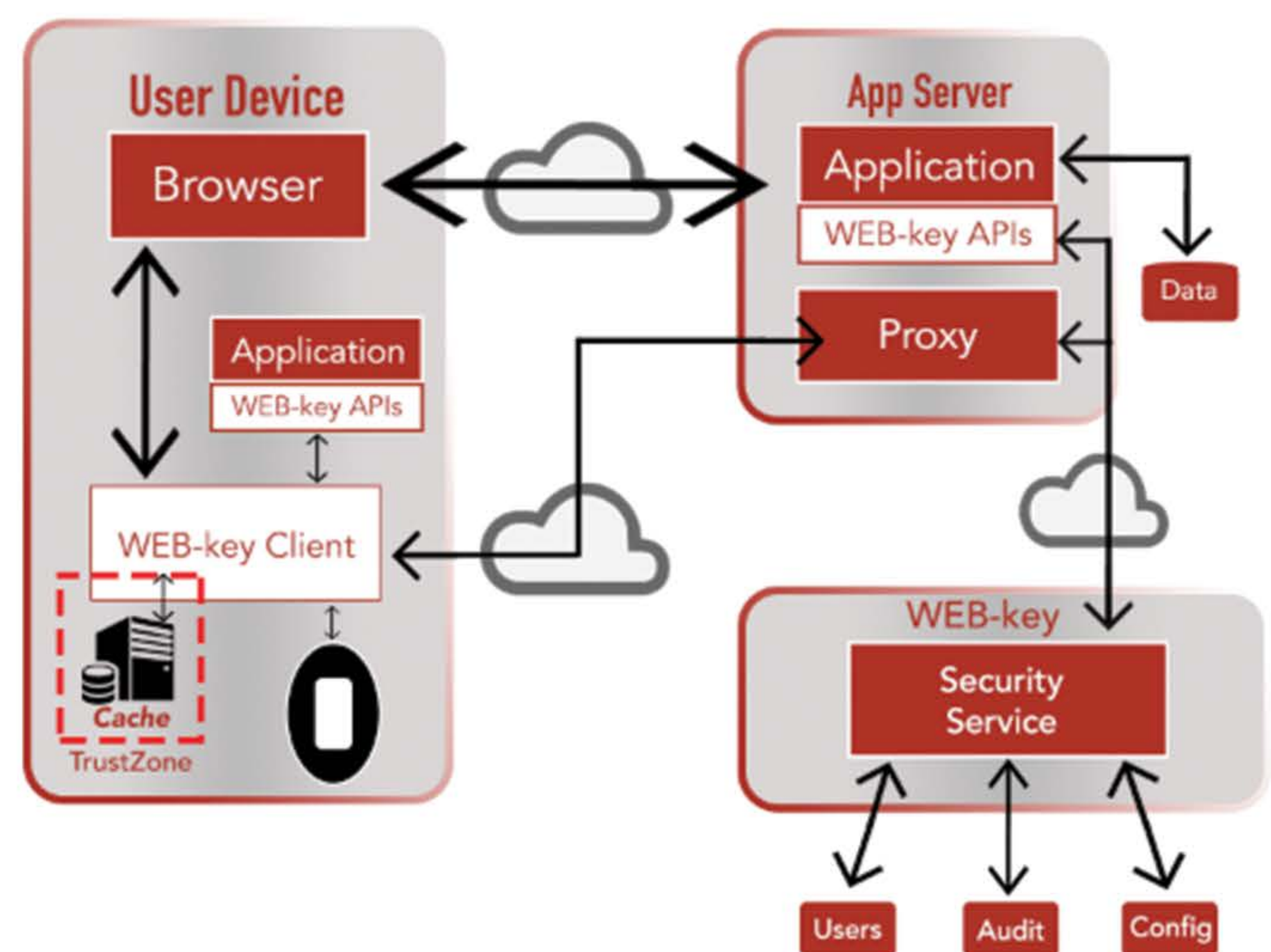


Flexible Client Architecture

The WEB-key client is designed to be very flexible and robust to meet the needs of any application integration. Whether web or legacy, .NET or Java, desktop or credential provider, the WEB-key client is designed to meet the needs. The WEB-key Client works with many browsers including:

- Chrome
- Edge
- Internet Explorer
- Firefox, and others

It can also operate as part of a client application, built right in, or added through a Legacy Adapter mode for cached data entry.



Flexible Authentication Modalities

WEB-key supports multiple modalities of authentication, from BIO-key's award-winning fingerprint biometric algorithm to Prox Cards, One-Time-Passwords (OTP), passwords and PINs. Here are a few of the key authentication modalities supported today:

- BIO-key's interoperable device independent fingerprint algorithm for identification or verification
- OTP - hardware or software-based tokens and time or event-based tokens
- Prox Card for fast slap access
- Device Based Authentication such as FIDO or WBF
- Challenge Response Questions Passwords and PINs