MICRO FOCUS®

Advanced Authentication for SecureLogin

Advanced Authentication fits into your environment to increase the security of your organization's identity and access procedures.

Advanced Authentication for SecureLogin at a Glance:

- **Convenient Access:**
  Provide single sign-on to applications of all kinds.

- **Strong Security:**
  Add multi-factor authentication.

- **Mobile Security:**
  Enhance security for mobile workers.

The Changing Landscape of Security

Each day, modern workers must access multiple applications, often on many different platforms. For every application, users need to remember a unique username and password. Soon they start writing down passwords—and that is just one of the security issues created by modern work habits. The growth of borderless networks means that your users may not be at a tangible location on a known device anymore. Authentication for the modern enterprise needs to somehow become both more secure and easier for users.

Advanced authentication, also known as multi-factor authentication, is one way to increase security. It places a strong security layer between your corporate assets and unproven entities by requiring multiple kinds of credentials. These credentials might include who you are, what you know or what you have. For example, security questions are something you know and a proximity card is an example of something that you have. A fingerprint is something you are. Advanced Authentication takes advantage of all these kinds of credentials. When combined with single-sign on technology in the right solution, it has the potential to solve modern organizations' problems.

Advanced Authentication Framework

Though this brief focuses on NetIQ® Secure-Login, the NetIQ Advanced Authentication framework works with both SecureLogin and NetIQ Access Manager™. This framework enables you to verify and attest who has accessed internal and cloud-based applications and resources. For organizations that have internal or industry-related compliance policies, the framework provides a policy engine to centralize policy creation and enforcement for all users.

Advanced Authentication framework integrates with most any authentication reader or device, eliminating the need for multiple authentication solutions and providing the most cost efficient multi-factor authentication available.

Advanced Authentication with SecureLogin

SecureLogin allows users to access local and network resources using a single set of credentials. When users log into their workstation, laptop or session, SecureLogin automatically authenticates them to all of their applications and resources, providing the user with a seamless access experience to relevant services. With only one password to remember, users no longer need to write them down and the risk of forgetting that one password is greatly reduced.

Advanced Authentication for SecureLogin provides integrations for multi-factor authentication devices as well as other strong authentication technologies, providing an industry-leading level of choice and flexibility. Using Advanced Authentication for SecureLogin, organizations can set up high-security methods that take advantage of multi-factor criteria. SecureLogin supports a wide range of readers for proximity cards, fingerprint scanners for biometric scans, and other types of devices. Multi-factored authentication provides fast and simple high security for your information and applications. It enables users to walk up to a computer, tap their card, and have access to all their appropriate applications in seconds.

SSO with Advanced Authentication Muscle

SecureLogin SSO with Advanced Authentication can allow you to meet regulatory and logical obligations even though the majority of Windows forms and web sites are limited to

Untrusted ➔ **Trusted** ➔ **Authenticated**
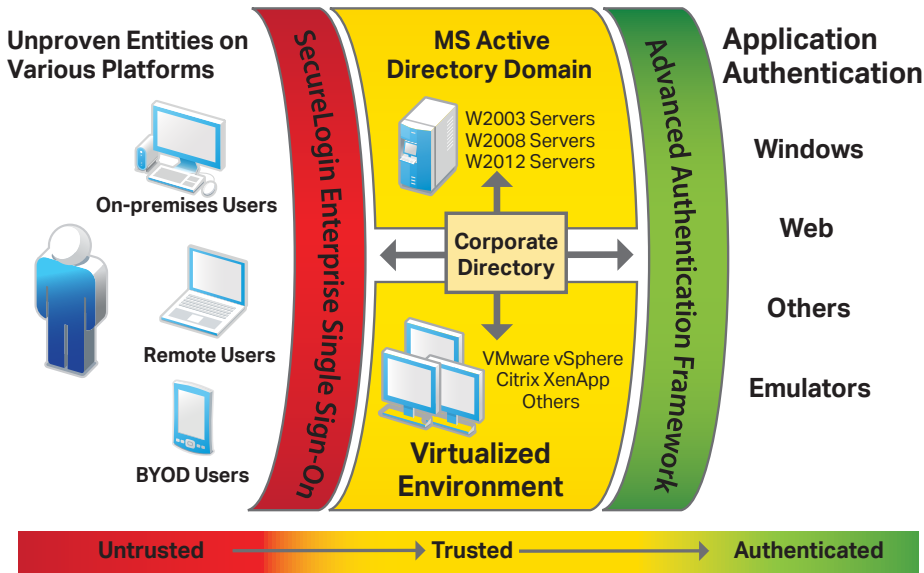
password authentication. SecureLogin stipulates a secondary or "step-up" authentication at startup of an application and at any specified transaction, thus proving identity when and where you require it.

Take Your Pick. Advanced Authentication Works with Them All

SmartCard, Certificates	Biometric	Proximity Card	Soft Token or One-Time Password
SmartCards offer trusted security and non-repudiation through difficult-to-extract PKI-based certificates.	Biometrics can provide unique hard-to-replicate scans for superior accuracy at a reasonable cost.	Proximity Card technology is simplistic and provides ease of use in a multi-purpose, inexpensive format.	Soft Token (OTP) is a popular Oath-based solution that provides good security without adding devices.
Radius or Hard Token	**SMS, Out-of Band**	**Flash Drive**	**Challenge Response**
Hard Token (Radius) is a very popular Oath-based solution that provides high security using tokens.	SMS is a low cost option that sends a server-minted OTP to the user's cellular device for entry and authentication. Out-of-Band is a low cost option that sends a message to, and requires a response from, the user's cellular device.	Flash Drive authentication is a low tech, low cost option that utilizes a PIN to open an encrypted file on the drive.	Challenge Response is a zero cost option that requires a user to answers pre-enrolled questions for authentication.

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