DeltaCrypt Technologies Inc.

Reliable Identities for Networks

DUSKWatch EZ 2FA

The only thing separating an attacker from valuable corporate assets is a password. Humans remain the softest point when it comes to accessing digital assets and phishing the top attack vector for hackers. Strong authentication provides an efficient way to prevent phishing and man-in-the-middle attacks.

Authentication Made Easy

Not requiring any specific infrastructure, DUSKWatch EZ 2FA provides two-factor authentication to secure accesses to digital assets and web services with easier means of authenticating users.

Adding a Second Factor To Login

Whether your network environment comprises workstations running Windows 7 and up that still relies on Windows Server 2012 or later, DUSKWatch EZ 2FA is a simple and flexible solution for adding a second factor for controlling accesses.

Simpler and Stronger Security

Based on public key cryptography, DUSKWatch EZ 2FA offers an easy-to-deploy security coupled with FIDO interoperable authentication for online services.

FIDO standards are currently being used to enable simpler, stronger authentication in offerings from Google, PayPal, MasterCard, Bank of America, NTT DOCOMO, BC Card (Korea), Microsoft, Dropbox, GitHub, eBay, Samsung, Facebook, and other leading firms.

Compatible with Active Directory and Active Directory Federation Services, DUSKWatch Authentication provides directory-based permissions to access the organization's data.

Easy access for the following network models:

- **On-premises**
- **VPN**
- **Remote Desktop**
- **Hybrid: AD FS, Sync, Office 365 SSO**
- **FIDO Web Services**

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Reduce Password Reliability

Token Form-Factors

DUSK-EZ Card Token remains a sound choice because all cryptographic operations are performed directly on the chip.

DUSK-EZ Hybrid combines the high-level security of a microprocessor with the flexibility of a USB connection to eliminate the need for card readers.

FIDO Dongle: Any third-party FIDO-enabled device can be used by the solution.

High Assurance Security

The authentication provided by DUSKWatch EZ 2FA is characterized by a high assurance security. All user keys employed for sensitive transactions never leave the token authenticator. No server-side shared secrets to steal.

Benefits

- **Cost efficient**
- **Easy to use**
- **High privacy**
- **Phishing and man-in-the-middle attacks resistant**
- **GDPR compliance**

Technical Information

Microsoft-Compatible Solution
Windows 10 64bits
Windows 8.1 64bits
Windows 7 64bits
Windows Server 2012 R2 64bits
Windows Server 2008 R2 64bits

Configuration
Microsoft Active Directory
Microsoft Active Directory Federation Services

Supported Algorithms
ECC/RSA key generation
RSA encrypt/decrypt: 1024 bits
RSA sign & verify: 1024 bits
ECDH key agreement
ECDSA sign & verify
ECC supported: p-256, p-384
AES encryption/decryption: 128, 192, 256 bits

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