



Explore Key Features of the 1Kosmos BlockID Platform

Verification and Enrollment	Authentication	Identity Wallet	Platform	Interoperability
<p>205 Countries</p> <p>1Kosmos supports government issued IDs including driver's licenses, passports, and national IDs for 205 countries in approximately 2300 formats.</p>	<p>OTP SMS</p> <p>1Kosmos supports a one-time password (OTP) security code tied to a session that is sent to a user via a text with a set expiration time.</p>	<p>NFC Support</p> <p>1Kosmos BlockID leverages the NFC reader in mobile devices to read NFC chips on passports to capture and verify data.</p>	<p>W3C - DID Compliant</p> <p>1Kosmos BlockID stores customer information in a distributed ledger, compliant to W3C DID standards.</p>	<p>Federation Standards</p> <p>1Kosmos BockID comes out of the box with native compatibility with - OIDC, OAuth2, SAML and RADIUS protocols</p>
<p>Government ID</p> <p>1Kosmos BlockID identity proofing utilizes a user's driver's license, passport, or national ID to validate identity with consent. 1Kosmos BlockID supports document verification for over 205 countries.</p>	<p>OTP Email</p> <p>1Kosmos supports one-time passwords (OTP) security code tied to a session that is sent to a user via an email with a set expiration time.</p>	<p>Support for Multiple Accounts / Personas</p> <p>Within the 1Kosmos BlockID app, users have multiple accounts or personas. This capability allows users to have different login workflows. This will enable organizations to require a separate account or persona for technologies that cannot go passwordless.</p>	<p>W3C - Verifiable Credentials</p> <p>1Kosmos BlockID issues verifiable credentials, which are digitally signed and are tamper-resistant, traceable, and instantaneously verifiable.</p>	<p>Integration with Single Sign On (SSO) Solutions</p> <p>1Kosmos BockID comes out of the box with connectors into leading SSO solutions. For those solutions where a connector is not offered, our APIs provide easy integration.</p>
<p>Third-Party Verification</p> <p>1Kosmos BlockID activates an API to verify Social Security Numbers, the data from the Country Signer Certificate Authority (CSCA), and the data from an issuing authority such as AAMVA for US driver's licenses or ICAO for passports. This is to validate the document and the data.</p>	<p>Time-based One-Time Password (TOTP)</p> <p>1Kosmos supports TOTP security codes tied to the requesting system for a user to gain access. The user enters the time-based Device Identifier (DID) generated by the 1Kosmos BlockID app.</p>	<p>Mobile Device Biometrics (TouchID / FaceID)</p> <p>1Kosmos leverages the built-in Face ID or Touch ID identity technologies available on today's devices for authentication into the identity wallet.</p>	<p>Credential Service Provider (CSP)</p> <p>1Kosmos BlockID is deployed as a CSP to collect and verify information about a user and to verify that the claimed identity is associated with the real person supplying the identity evidence.</p>	<p>Integration with PAM Solutions</p> <p>1Kosmos BockID comes out of the box with connectors into leading PAM solutions. For those solutions where a connector is not offered, our APIs provide easy integration.</p>
<p>Bank ID</p> <p>1Kosmos BlockID APIs utilize non-physical references, such as a Bank ID, to validate a user identity and to improve identity assurance and KYC checks.</p>	<p>Appless</p> <p>The 1Kosmos appless capability is used on laptops. Users authenticate using their laptop biometric capabilities, like a camera or a fingerprint reader.</p>	<p>Mobile SDK (iOS, Android)</p> <p>The 1Kosmos mobile SDK, integrates functionality into an existing app or service. This approach allows organizations to eliminate silos created when managing multiple apps and services.</p>	<p>NIST 800-63-3</p> <p>1Kosmos BlockID is certified by the Kantara Initiative to NIST800-63-3.</p>	<p>Integration with IGA Solutions</p> <p>1Kosmos BockID comes out of the box with connectors into leading IGA solutions, including ServiceNow, SailPoint and Saviynt. For those solutions where a connector is not offered, our APIs provide easy integration.</p>
<p>Telco ID</p> <p>1Kosmos BlockID APIs utilize non-physical references, such as a Telco ID, to validate a user identity and to improve identity assurance and KYC checks.</p>	<p>Universal Web Login (UWL)</p> <p>1Kosmos BlockID supports universal web login (UWL) which is a flexible authentication framework that can be embedded into any web and mobile application to go passwordless using the BlockID mobile app.</p>	<p>Password Reset/forgot</p> <p>Through the 1Kosmos BlockID app or user portal, users easily reset their passwords if and when needed for applications that cannot go passwordless.</p>	<p>FIDO Certification</p> <p>1Kosmos BlockID is certified by the FIDO Alliance.</p>	<p>Integration with MDM</p> <p>1Kosmos BockID comes out of the box with connectors into leading MDM solutions, including MobileIron and Blackberry. For those solutions where a connector is not offered, our APIs provide easy integration.</p>
<p>Email verification</p> <p>Users verify and enroll their email address into their identity wallet. This verified email address is presented to interested parties as proof of ownership of an email address.</p>	<p>Native Mobile Biometrics (Face ID or Touch ID)</p> <p>1Kosmos BlockID leverages the built-in Face ID or Touch ID identity technologies for authentication purposes.</p>	<p>Zero Trust Device Checks</p> <p>The 1Kosmos BlockID app performs a zero trust check at every login for device tampering like a jailbreak.</p>	<p>PSD2 Support</p> <p>1Kosmos BlockID delivers PSD-2 Compliant authentication while providing users with an exceptional customer experience.</p>	<p>Integration with Remote Access</p> <p>1Kosmos BockID comes out of the box with connectors into leading Remote Access solutions. For those solutions where a connector is not offered, our APIs will provide easy integration</p>
<p>SSN Verification</p> <p>Users validate a user's Social Security number against issuing authority to identify fraudulent identities in seconds.</p>	<p>Push Authentication</p> <p>When logging in, the user receives a notification on the trusted devices (either mobile or desktop) associated with the user account. Then, the user is presented with a simple "accept" or "deny" message to allow or prevent the login.</p>	<p>Identity Portability (BYOI)</p> <p>1Kosmos BlockID enables users to self-manage their digital identity to share PII data with requesting parties at their discretion.</p>	<p>GDPR Compliance</p> <p>1Kosmos BlockID provides a self-managed identity – including clear disclosures and consent to support GDPR Compliance initiatives.</p>	<p>Integration with VPN</p> <p>1Kosmos BockID comes out of the box with connectors into leading VPN solutions. For those solutions where a connector is not offered, our APIs will provide easy integration</p>
<p>Passport Verification</p>	<p>LiveID Biometric</p>	<p>Wallet Recovery</p>	<p>Reporting and Dashboard</p>	<p>FIDO2 and WebAuthN Support</p>



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1Kosmos BlockID identity proofing technology captures the information in the ID and looks to ensure that the ID is valid. 1Kosmos BlockID checks if a photocopy is used and reads the RFID chip. If the chip cannot be read, then the data is not validated.	LiveID leverages the front-facing camera on the mobile device (selfie camera) and records a video of the user. Once LiveID has determined that the user is real and their identity is matched, it authenticates the user.	1Kosmos BlockID offers a recovery option for users in the case of a lost wallet.	The BlockID platform captures events and provides an easy-to-access interface to view/query the logs and provides a dashboard to monitor threats and to receive alerts on unauthorized access and unusual behavior patterns.	1Kosmos BlockID enables FIDO-based via WebAuthn to add authentication on supported browsers and platforms, allowing users to authenticate with built-in biometrics, mobile devices, and security keys to websites and applications.
Drivers License Verification 1Kosmos BlockID identity proofing technology captures the information in the ID and ensures that the ID is valid. For instance, 1Kosmos BlockID checks for common characteristics of the entered document to identify if a photocopy is used.	QR Code The user scans the 1Kosmos QR code with the 1Kosmos BlockID app, and the user is guided through the implemented authentication method.	Whitelabelling Support The 1Kosmos BlockID mobile app can be white labeled, so you customize the look and feel to fit in with your brand identity and improve the user experience.	ISO 270001 Certification 1Kosmos is certified ISO 27001 by the International Organization for Standardization (ISO).	Fraud Management System Integration 1Kosmos BlockID comes out of the box with connectors into leading Fraud Management Systems, including RSA and LexisNexis. For those solutions where a connector is not offered, our APIs provide easy integration.
Phone Number Verification Users enroll a verified phone number into their mobile wallet. This verified phone number is e presented to interested parties as proof of ownership of a phone number.	FIDO Authentication Where organizations require U2F tokens to secure access from multiple devices, 1Kosmos links the FIDO2 token to the user account for access requests.	Web Wallet/Mobile Managed Wallet 1Kosmos BlockID supports both mobile (for an app based journey) or a web wallet (for an appless journey) for users to manage their digital identity.	SOC2 Certification 1Kosmos is certified to SOC II Type 2.	Risk & Behaviour Based Management 1Kosmos BlockID comes out of the box with connectors into leading Risk & Behaviour Based Management Systems, including BehavioSec. For those solutions where a connector is not offered, our APIs provide easy integration.
SIM Binding Using a combination of SIM detection and SMS verification, BlockID is enabled to validate a user's mobile number against a user's account.	SSO 1Kosmos identity based authentication proves the identity of the user who's actually authenticating. This removes the need for a username, password, and separate 2FA into the SSO platform. This			Operating Systems 1Kosmos BlockID comes out of the box with connectors into Mac, Windows and Linux/Unix operating systems. For those solutions where a connector is not offered, our APIs will provide easy
Liveness Detection Using the expressions and a true-depth camera functionality, 1Kosmos BlockID utilizes a short selfie video that requires randomized facial movements to detect liveness and is certified to NIST 800-63-3 and iBeta PAD-2 standards.	SAML Security Assertion Markup Language (SAML) supported by 1Kosmos enables a passwordless authentication solution for your organization's users by configuring 1Kosmos as the IdP.			Cloud Applications 1Kosmos BlockID comes out of the box with connectors into leading Cloud-based applications, including O365, Gsuite, Salesforce and more. For those solutions where a connector is not offered, our APIs will provide easy integration.
Digital Identity Score Based on what the user presented to prove identity at the time of enrollment, users will build an identity score. As users enroll and verify government issued IDs and non-physical IDs, their score will increase up to an IAL2.	OIDC and OAuth Through the OIDC / OAuth workflow, 1Kosmos acts as both the Identity Provider (IdP) or as the Service Provider (SP), depending on the use case.			DevOp Platforms 1Kosmos BlockID comes out of the box with connectors into leading DevOp platforms, including GitHub, Gitlab and Atlassian. See here. For those solutions where a connector is not offered, our APIs will provide easy integration.
Non Biased Decisioning Our distributed identity framework is private by design. This ensures that each user is verified independently of others and ensures a non-bias race and gender decisioning.	Social Login Through the OIDC / OAuth workflow, 1Kosmos accepts social credentials such as Google, Facebook and others as a login method.			
Private Permissioned Blockchain	OS Login			



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1Kosmos uses a blockchain network that is restricted to a group of users or organizations where participants must be granted permission to join. This is in contrast to a public blockchain, where anyone can participate without needing permission.	Supporting Windows, Mac and Unix/Linux, 1Kosmos provides a passwordless authentication for users at the desktop. This capability also creates a Trust on First Use (TOFU) workflow where users will not be required to provide a username and password.			
App and Appless Workflow Organizations can implement a workflow for authentication and/or verification which utilizes an app-based workflow or an appless workflow. In an appless workflow, authentication or verification is completed through a browser.	Offline Login When a user is offline, the 1Kosmos BlockID App generates a workstation OTP. The OTP is specific for this event and will ensure users have access even when they are offline.			
ID Verification & Watchlist ID verification and watchlists monitor for suspicious activities to catch syntheticID and account fraud. The user biometric is stored and added to the list so that if a fraudulent biometric is attempted again, the account creation will fail.	Remote Access 1Kosmos identity based authentication proves the identity of the user who's actually authenticating. This removes the need for a username and password into the remote access platform.			
Employee Onboarding 1Kosmos offers a tailorable new and existing account origination process for employees and contractors, delivering the highest degree of user assurance. New users can self-verify their identity or organizations can enroll existing users into the 1Kosmos identity based authentication platform.	PAM 1Kosmos identity based authentication proves the identity of the user who's actually authenticating. This secures the identity of privileged users or super users who need to access critical systems and applications.			
Customer Enrolment 1Kosmos offers a tailorable new account origination process for customers or citizens, delivering the highest degree of end-user assurance. New users self-verify their identity using government issued IDs, telco ID accounts, banking credentials or even social media ID.	Password Reset 1Kosmos BlockID provides password reset from the mobile app and web.			
Decentralized Credential Storage verified information and allows them to share it on demand in a safe and secure way plus maintains a complete, immutable history of each identity request and exchange.	Authentication Policies 1Kosmos BlockID triggers authentication journeys based on IP Address and geolocation of the user.			
Magic Links A user is sent a unique link via email or text message. When clicked, the link grants them immediate access to a website, an application, or to bind their account to their identity.	Advanced Directory Support 1Kosmos integrates with AD, LDAP, Azure AD and our user store. BlockID has the ability to authenticate users from multiple directories.			
LiveID (Real Biometrics Face)	Custom branding of Login page			



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<p>Using the expressions and a true-depth camera functionality 1Kosmos BlockID verifies that a live person is present. Second, a selfie is taken, compared to the picture taken at enrollment, and access is granted if they match. LiveID is over 99% accurate.</p>	<p>1Kosmos allows branding on the login page and end user facing pages to match the enterprise brand.</p>			
	<p>Adhoc reports</p> <p>1Kosmos provides adhoc reports on login activity and events within the tenant.</p>			