

## Context-based Authentication



**Brand:** Gemalto  
**Product Code:** SMASN603

### Short Description

Context-based authentication enables effective risk management by requiring an additional authenticator factor only in high risk situations, lowering the barrier for strong authentication and enhancing user convenience.

Context-based or contextual authentication is central to creating compliance based access policies and preventing security fatigue. Taking into account variables, such as your network, location and operating system, contextual data provides additional information on a login attempt, and fires the appropriate access policy.

By assessing a user's contextual login attributes, single sign on and access management solutions can continuously match the level of authentication required from the user with the access policy defined for each application.

### Description

Context-based authentication offers convenient, frictionless strong authentication while maintaining the flexibility and agility to add protection with stronger methods of security in higher risk situations.

Combined with “step-up” authentication, context-based authentication optimizes a layered approach to access security by assessing user login attributes and matching them against pre-defined security policies. When security policies are met, users are granted immediate access. When security policies are not met, users are asked to step up security



by providing an additional authentication factor, eliminating the risk of unauthorized access.

A step up second factor could be a PKI token or a one-time passcode received via SMS text message, or generated on a mobile device or hardware token, depending on organizational policies.