

# TheGRID™ Beacon Multi-Factor Authentication

## The Most Revolutionary Online Security For Your Web Portal

Smart Authentication | Out-of-Band | Transaction Approval

### FEATURES

**Secure ON-OFF access control** - User's registered smartphone becomes the "Remote Control" to allow or deny access to user's login account. Fraudsters cannot login using stolen ID and password. GRID Beacon status must be switched to "ON" to login successfully. Automatic "OFF" feature for enhanced security.

**Secure transaction approval** - User's registered phone is used for authorizing transactions. User can review the transaction data on the phone before authorizing it. Fraudsters' transaction attempt will not succeed without user's phone authorization.

### BENEFITS

**Strong security** - Defeats identity attacks like phishing, DNS pharming, Man-in-the-Middle and advanced Man-in-the-Browser.

**Easy phone registration** - User's phone is used for additional security to complement ID & password. Simply scan the QR code shown on screen by TheGRID Server to register.

**Ease of deployment** - Minimal integration with merchant's existing web application. Cloud service available. No provisioning of additional hardware.

**Low cost of ownership** - No physical tokens or hardware to distribute to end-users. Cloud service option with no costly infrastructure setup, low maintenance and easily increase capacity as you go.

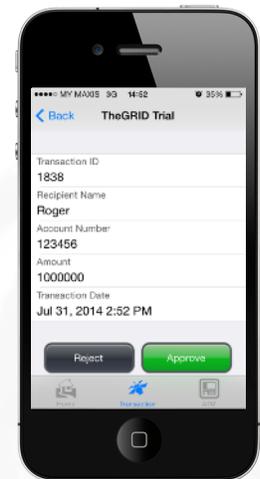
**Value added features** - Send service and marketing information direct to users via push notifications. Beacon can be integrated into many different applications including parental control, transaction signing and many other types of authentication and authorization control.



### OVERVIEW

The typical approach for an online identity is by requesting the user to supply the user's login ID and a secret password supposedly only known to the user and the website. The rampant identity theft activities have made the traditional password authentication inadequate. Providing a secure and effective authentication & authorization has proven difficult and often cumbersome.

TheGRID Beacon is a new breakthrough implementation of a simple yet secure authentication & authorization system for Internet applications. By leveraging the growing adoption of smartphones, TheGRID Beacon mobile application and its supporting backend components effectively transforms a smartphone into a powerful platform for an **out-of-band, second-factor authentication & authorization** device.



Unlike traditional cumbersome hardware security tokens, there is no need to enter any random digits to authenticate. TheGRID Beacon provides a simple ON-OFF switch that puts the user in control.