

## emAS: Using Analytics Driven Intelligence to Power Adaptive or Risk Based Authentication



Did you know that security breaches compromised 4.5 billion records in the first half of 2018 alone? This is a shocking 133% increase when you compare it to the figures of lost, stolen or compromised records in the first half of 2017. What is even more worrying is the fact that identity theft alone is contributing to about 65% of these breaches.

Wondering what is the way out of this situation? Simple, tighten the grip on internal, tech-driven operations of your companies by implementing new-age authentication solution such as emAS — eMudhra's comprehensive multi-factor authentication engine that supports 15+ modes of authentication. This high-end authentication solution combines state-of-the-art analytics and risk-based authentication technologies to measure the risk associated with a user's login and post-login activities, and prompt for additional identity assurance in scenarios that are deemed high risk and/or in violation of rules established by your organization.

### Here is a quick rundown of some of the other set of upgrades to emSigner:

- emAS's adaptive or risk based authentication engine offers ability to create MFA profiles (with 3 authentication modes that can be stepped up) based on combination of Rule based profiles and Machine Learning based anomaly detection
- Rule definitions and checks include high risk IP check, change in IP Address, change in OS and browser parameters, geographic barrier check and so on
- Machine Learning based anomaly detection can use input parameters such as time taken to enter username, time taken to enter password, delete press count and so on

Get in touch with us at [eservices@emudhra.com](mailto:eservices@emudhra.com) or visit our website [www.emudhra.com](http://www.emudhra.com) for more information.

You can also check out the brochure on the below link -

<https://www.emudhra.com/download/brochures/emAS-IAM.pdf>