

Securing Internet of Things using Public Key Infrastructure



Internet of Things envisages a connected world with several billion devices going online and exchanging data. This throws open a huge security nightmare where it's critical to ensure data integrity. A compromise of self-driving cars, automated traffic lights, or drones can result in disastrous consequences.

Public Key Infrastructure (PKI) is the foundation required to secure the communication between IoT devices and platforms. As an accepted and well established standard, PKI is a core component of data confidentiality, information integrity, authentication, and data access control.

Digital certificates using PKI issued to embedded smart devices, such as sensors, ensures ownership, integrity and confidentiality of data.

eMudhra is working with leading chip manufacturers to incorporate PKI as part of the overall security architecture of an IoT implementation.

For more information how eMudhra can help you secure IoT, please get in touch with your account manager.

Do visit <http://www.emudhra.com/products/internet-of-things.jsp> for more information.