

# India's first online exchange for receivables, uses Sectona PAM to govern privileged user access to their critical systems

Sectona helps exchange firm secure internal and external user access to their critical infrastructure environment



## Need

To support its growth, the exchange firm operates with a robust architecture well supported by a reputed managed service provider, but to achieve security for critical privileged access, it wanted a strong partner that would allow it to secure privileged user access stack for both internal and external users.



Industry  
Financial Services

## Solution

Sectona has provided its hybrid Privileged Access Management Solution to isolate critical database and comprehensively monitor critical user access (external and internal users) to a mixed range of IT systems.

## Benefit

- Secure, scalable critical infrastructure access
- Easier privileged user monitoring with complete session isolation capabilities
- Consistent, secure and low-friction user experience for any privileged user

## Background

MYND Online National Exchange (popularly known as M1 Xchange), founded in 2017, is an online exchange for Trade Receivables Discounting System “TReDS” set up under the approval of Reserve Bank of India (RBI) to facilitate discounting of invoices and Bills of exchange on a PAN India basis. Catering mostly to Micro, Small & Medium Enterprises “MSME” (“the Seller”), large corporates including PSUs and Govt. Departments (“the Buyer”) and Banks/NBFCs (“the Financier”), M1 aims at providing solution-based approach with expert innovation & flexibility towards financing solutions to stakeholders.



The company started with a robust architecture but quickly approached an enterprise scale and needed to implement an access security framework. Considering the nature of business, there is large amount of sensitive data stored on their databases, primarily MS SQL databases. Protecting the access to critical systems including Windows, Unix, and Databases especially are of utmost importance for the management. While looking for a solution that can securely access seamlessly across this mix of infrastructure, M1 Xchange came across Sectona PAM and decided to evaluate it.

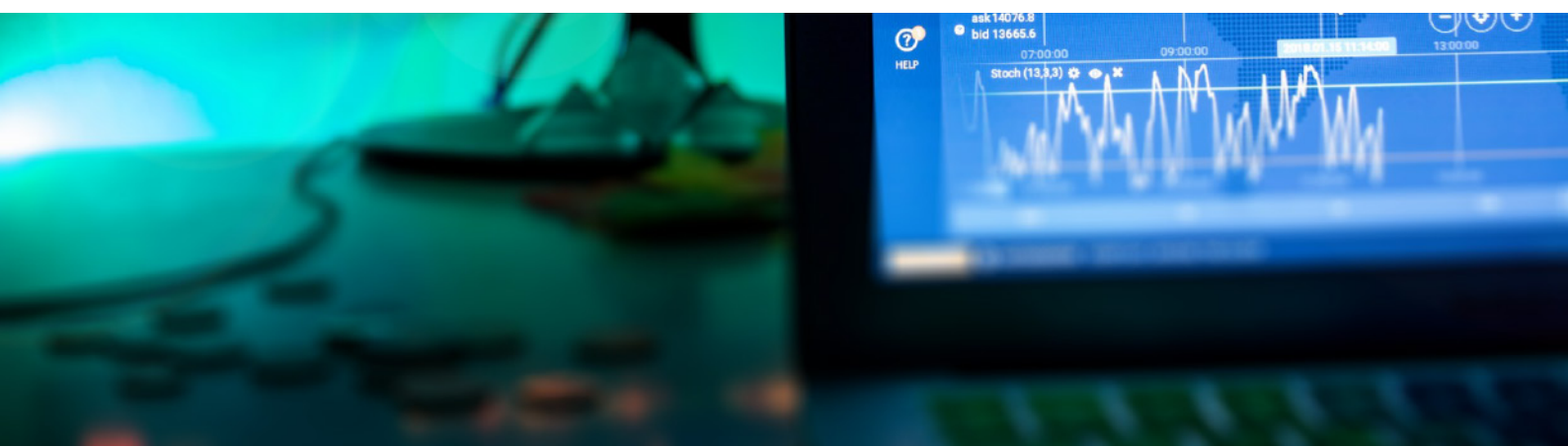
## Securing Sensitive and Critical Data

IT infrastructure of M1Xchange is spread out in a way that there are users who access critical systems from the internal LAN and some who access through VPN. Both sets of users, for routine work may need to be given access to critical database servers (MS SQL). For security reasons, users were being given direct access to databases through VPN (Fortinet), however considering the sensitivity of data at hand, risk involved was high.

## Isolating User Access and Routing through a Secure Channel with Sectona PAM

In order to address the challenge, we proposed a two-layer access security. First, a Jump Server channel would grant access to the SQL database to users, ensuring that access to critical data by users is isolated and there is no direct connectivity to the database from user machines. Second, assign control privileges to database administrators and monitor user activities with intelligent analysis provided by Sectona PAM's risk scoring engine to further review and audit user activities.

Furthermore, Sectona PAM offers to monitor and control access to Windows, Unix and Firewall devices at M1.



Benefits for M1Xchange of using Sectona PAM include:

### Secure Access Layer to DBA Accounts

Users accessing dba accounts are enforced access through Sectona PAM thereby isolating direct connectivity from user machine to target database system and establishing a secure channel of access with comprehensive monitoring of the sessions.

### Unbiased Monitoring of Privileged Sessions through internal LAN or through VPN

Access to all critical systems including Windows, Unix, Firewalls and Databases by users through LAN or through VPN, are comprehensively monitored and logged within Sectona PAM allowing better visibility and auditability.

### Compliance with Security Regulations Achieved

M1Xchange being an exchange firm, must follow compliance mandates in terms of data security and cyber resilience set by SEBI. Sectona's Privileged Access Management Solution helped M1Xchange achieve this compliance.



"Sectona PAM meets all of our expectations for authentication and accountability while also helping isolate critical systems from direct user access", opines the team.

### What is next in line for M1?

M1Exchange has already added more user access under the purview of Sectona PAM and going forward plan to leverage solution's capabilities to onboard and monitor access to their network devices as well which are exclusively accessed by their infra hosting vendor.

Sectona is a Privileged Access Management company that helps enterprises mitigate risk of targeted attacks to privileged accounts spread across data centers and cloud. Sectona delivers integrated privilege management components for securing dynamic remote workforce access across on-premises or cloud workloads, endpoints and machine to machine communication.

For more information, visit [www.sectona.com](http://www.sectona.com) and follow @sectona1 on Twitter or @Sectona on linkedin