



MOWAMI CONSULTING





# MOWAMI CONSULTING

**OUR VISION IS TO BECOME  
A RECOGNISED AND  
REPUTABLE CONSULTANCY  
COMPANY OF CHOICE IN  
SOUTH AFRICA.**



## **FOUNDED ON PURPOSE AND PASSION**

Mowami Business Solution (Pty) Ltd trading as Mowami Consulting, is a 100% female black owned consultancy company that offers business advisory, accounting and financial reporting, real estate advisory and support services to small and medium enterprises and selected government institutions within South Africa.

At Mowami Consulting we are passionate about creating and building an organisation that will add immense value to our clients. Genuine passion and enthusiasm for what we do, coupled with our ability to respond and adapt swiftly to clients' needs make us the consultancy of choice.

Having vast experience in a number of industries, our skilled independent consultants add value to organisations that are struggling to put together the business elements required to run a successful business. We impart our knowledge and reduce the skills gaps found in organisations.

As consulting specialists, we are able to provide the most suitable business related solutions for our clients' requirements at all times. Our customised solutions are based on the premise that no two clients are the same, and our services are efficiently executed, ensuring peace of mind while delivering optimal results.

Mowami Consulting offers a unique combination of exceptional service delivery and industry experience. We are dedicated to building long term relationships with our clients, and through our strategic partnerships we are able to offer world-class services at competitive prices. We embrace all our projects with ease and professionalism, ensuring that we become your trusted partner.

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## **OUR MISSION**

Our mission is to empower small and medium enterprises by unlocking economic growth through innovation and the introduction of lean and flexible business solutions, while providing and creating growth and sustainability, resulting in job creation and economy growth in South Africa.

## **OUR VALUES**

At Mowami Consulting, we have a passion for delivering value to our clients. We treat our team members, customers, partners and suppliers with mutual respect and sensitivity, recognising the importance of diversity. We are committed to the highest level of integrity in every aspect of our business, while aiming to be the best in quality and in everything we do.



## “Old World” Market Problems

### Security

- Time-based restrictions cannot be applied
- Keys and tokens can be lost or copied
- Combinations and passwords can be leaked

### Reliability

- No redundant access methods
- Unable to remotely grant access
- Cannot guarantee accurate access logs

### Scalability

- Managing physical keys is inefficient
- Cost of lost keys and cylinder replacement costs
- Running key depots to control accesses increases time and cost of operations



**Unreliable and forces trade-off between security and ability scalable**

# SERA 4 PADLOCK

## AP3 Armored Padlock Industrial design (-30°C to +70°C)



### Maintenance Free

- Rugged for vandalism-prone environments
- Easy to install tether mount point (seal cables, chains, Kensington)
- Easy to replace 5-year battery with Micro USB power backup

### Hardened Design

- 10mm boron and stainless-steel shackle
- Engineered for harsh environments and weather conditions

### Real-Time Audit & Control

- Real-time access control with bank-grade digital security
- Integrated sensors to meet audit requirements

### Never get locked out again

- Always have a robust audit trail
- Unlock with and without data coverage
- Grant and revoke access in real time
- Access with and without a phone (Failsafe Unlock)

**“Out of the box” ready to be monitored and controlled**



# SERA 4 DOOR LOCK

**AX5 Lock Controller** Works with any lock (-40°C to +85°C)



### Robust & Redundant Design

- Removable cable set for easy installation
- Full electrical isolation and low power consumption
- Support for battery recharging and 2 backup power inputs

### Access Pad Option

- 9V battery emergency power connection
- Enables Failsafe Unlock option

### Real-Time Audit & Control

- Real-time access control with bank-grade digital security
- Integrate up to 3 sensors with easy installation

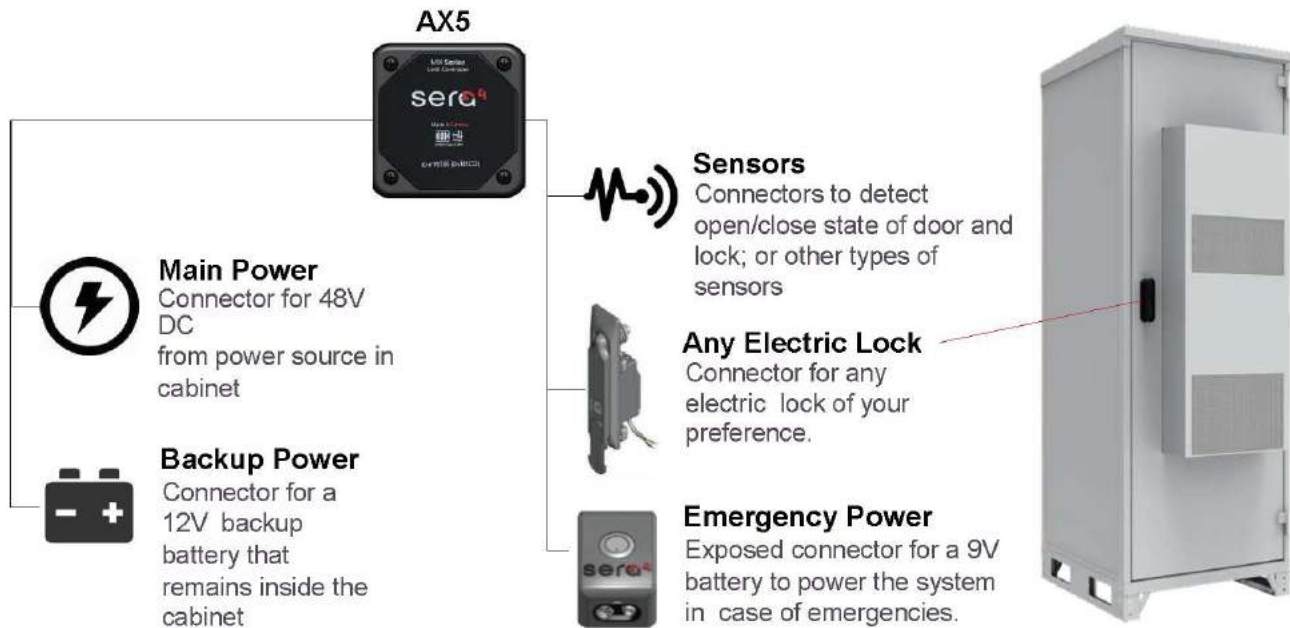
### Never get locked out again

- Always have a robust audit trail
- Unlock with and without data coverage
- Grant and revoke access in real time
- Access with and without a phone (Failsafe Unlock)

**Seamlessly integrate with existing outdoor shelters, cabinets and equipment enclosures**

# SERA 4 HARDWARE DESIGN

**Open Hardware Design** AX5 Lock Controller



**Designed specifically for telecom cabinets**

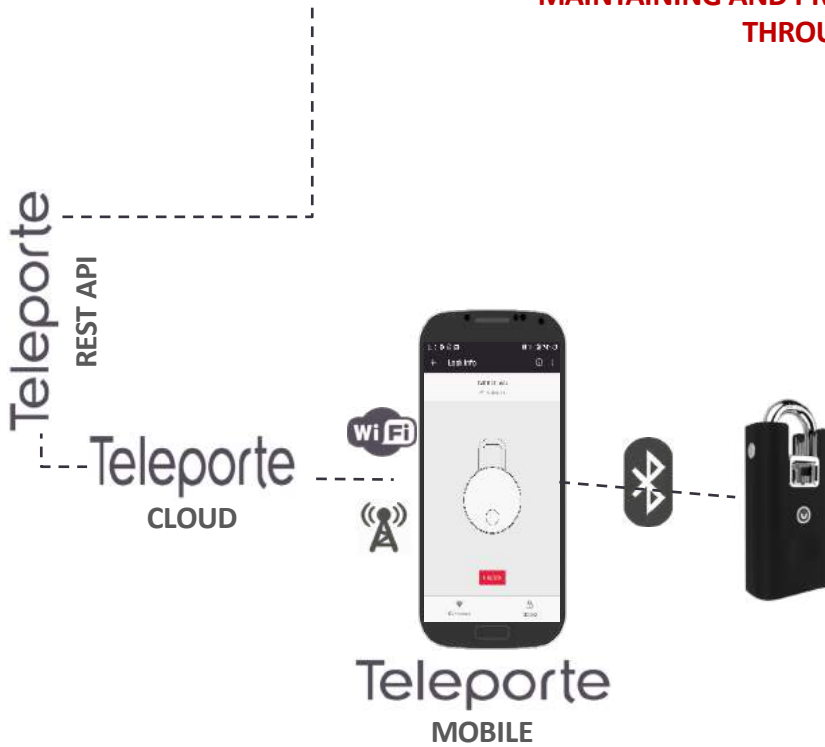


# SERA 4 KEYLESS SOLUTION MAINTANANCE



Live Line	Transmission & Distribution	Substation	Reticulation	Commercial Electrification
Industrial Electrification	Smart Metering	Utility Services	Information Technology	Communications
Solar Power	Wind Power	Smart Grid Solutions	Smart Water Solutions	Power Quality Monitor
Anti Theft Systems	Public Lighting Networks	Railway Traffic Control	Intelligent Transport Systems	Manufacturing

## MAINTAINING AND PROTECTING EPG INFRASTRUCTURE THROUGH TECHNOLOGY



### SECURITY

- BANK GRADE APPROACH.
- NO HACKING VECTORS. OFF-NETWORK IOT THROUGH REDUNDANT PRIVATE NETWORK ARCHITECTURE
- EACH LOCK HAS ITS OWN PRIVATE KEY. TIME BASED KEYS CENTRALLY ISSUED AND REVOKED
- THE MECHANICAL STRUCTURE IS ENGINEERED WITH THE HIGHEST PRECISION



 2 Open Locks 

Site	Lock	User	Open ^
TORONTO	Demo Padlock	Demo Admin*	a minute ago*
ST-123	X-Series	Demo Admin*	2 days ago*

 Alerts 

Lock	Date	Type
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 Access Requests 

Lock	User	Date	Options
Candado-F8DC (	Juan Chitiva	Feb 24, 2020 12:	Show
LOCK-10747 (10	Juan Chitiva	Feb 20, 2020 11:	Show
Nombre de Cand	Juan Chitiva	Feb 19, 2020 11:	Show
OXXO (102FF)	Juan Chitiva	Feb 18, 2020 11:	Show

- **SITE VISITOR IDENTIFICATION**
- **KEY VALIDITY SCHEDULES**
- **ACCESS ASSIGNMENT BY USER OR SITE GROUPS**
- **ACCESS ARE GRANTED AND REVOKED IN REAL-TIME**
- **ACCESS WORKS OFFLINE**
- **MONITOR OPEN LOCKS**
- **RECEIVE LOW BATTERIES ALERTS**
- **TRACK PENDING ACCESS REQUESTS**



# TELEPORTE WEB PORTAL – GEO LOCATION

## Open Locks

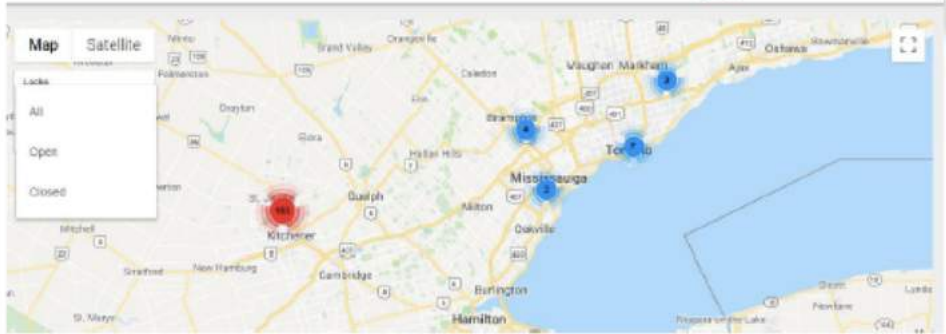
Site	Lock	User	Open
S-342	LOCK-002C	Sohab Khan	7 minutes ago
T-544	LOCK-002D	Joshua Thompson	17 minutes ago
M-222	Jeff Kink's Lock	Jeff Kink	4 days ago
S-656	LOCK-00AF	Andrew Kukman	6 days ago
P-322	LOCK-5B (IXSA)	Super Konrad Han	4 months ago
L-098	LOCK-003C	Andrew Kukman	4 months ago

## Alerts

Lock	Date	Type
Perimeter Gate	Feb 27, 2019 4:20:18 PM	Low Battery

## Access Requests

Lock	User	Date	Options
Batteries (C22F)	Super Konrad Han	May 21, 2019 9:42	Show



## TELEPORTE – PHOTOS AND NOTES

The screenshot displays the Teleporte mobile application interface. At the top, the 'Teleporte' logo is visible on the left, and navigation icons for signal strength, users, a padlock (59), a key (30), locations, and an 'Admin' profile are on the right. The main content area is a list of lock events. A modal window titled 'Note' is overlaid on the list, showing a photograph of a white padlock mounted on a metal structure. The background list includes entries with dates, times, user names, and locations like 'TORONTO' and 'WATERLOO SITE'.

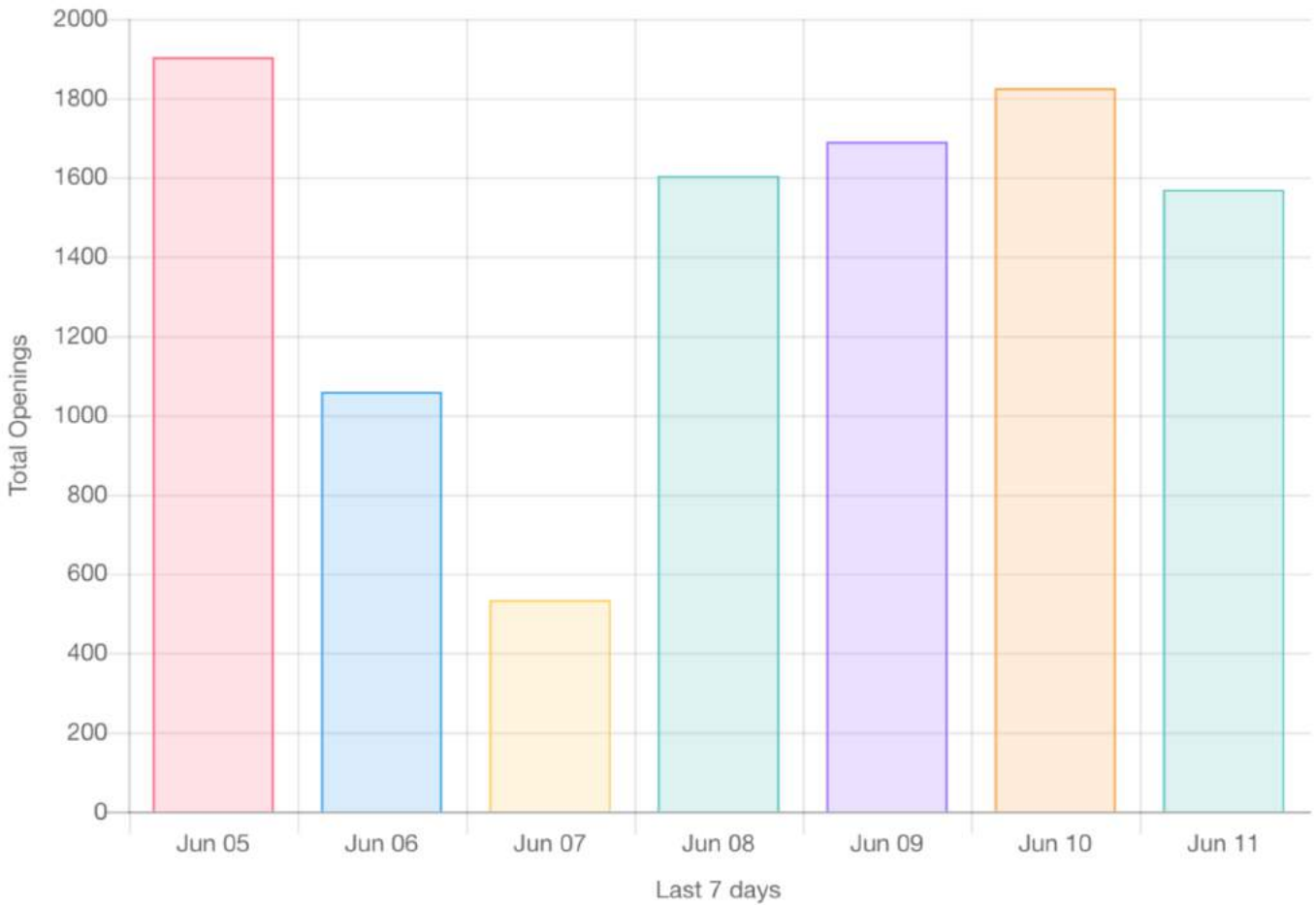
Date	Time	User	Lock ID	Location	Action
Jun 11, 2019	2:00 PM		adlock	TORONTO	<a href="#">View</a>
Jun 1, 2019			adlock	TORONTO	<a href="#">View</a>
Oct 29, 2019	2:00 AM		1	WATERLOO SITE	<a href="#">View</a>
Oct 29, 2019	2:00 AM		1	WATERLOO SITE	<a href="#">View</a>
Oct 18, 2019	2:00 AM		1	WATERLOO SITE	<a href="#">View</a>
Oct 7, 2019			1	WATERLOO SITE	<a href="#">View</a>
Oct 1, 2019	9:40:17 AM	David Domjan	Cadeado 1	WATERLOO SITE	<a href="#">View</a>

- **USERS CAN SUBMIT PHOTO NOTES FROM THE TELEPORTE MOBILE APPLICATION**
- **USERS CAN ALSO GENERATE WRITTEN NOTES**
- **ADMINISTRATORS CAN ACCESS NOTES FROM THE TELEPORTE CLOUD PLATFORM.**
- **NOTES INCLUDE TIMESTAMPS, USER INFORMATION AND GPS COORDINATES.**





Week-in-Review: Lock Access



- **REAL TIME TRANSACTION REPORTING**
- **DATA RICH FOR EFFECTIVE AND EFFICIENT DECISION MAKING**
- **GENERATE RELEVANT STATISTICS**
- **IDENTIFY OUTLIERS**
- **EXPORT DATA TO CSV AND EXCEL**



WORLDWIDE CUSTOMER REFERENCES IN TELECOM/UTILITY/INDUSTRIAL SEGMENTS





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