# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| Total Actions | Today | Active Users | Documents Modified |
|---|---|---|---|
| 8 | 5 | 12 | 3 |

## Audit Logs

Complete history of all financial system actions

Export Logs

| ID | Timestamp | User | Action | Module | Details | Type |
|---|---|---|---|---|---|---|
| AUD-001 | 2025-11-18 14:23:15 | Ahmed Hassan | Approved Payroll | Payroll | Approved November 2025 payroll for 342 employees | Approval |
| AUD-002 | 2025-11-18 13:45:30 | Sara Mohamed | Created Invoice | Invoices | Created invoice INV-005 for Premier Logistics | Create |
| AUD-003 | 2025-11-18 12:10:22 | Omar Ali | Modified Contract | Contracts | Updated contract CNT-002 end date | Modification |
| AUD-004 | 2025-11-18 11:30:45 | Fatima Ibrahim | Added Expense | Expenses | Added expense request EXP-005 for office supplies | Create |
| AUD-005 | 2025-11-18 10:15:18 | Khaled Youssef | Downloaded Report | Reports | Downloaded Balance Sheet report | Access |
| AUD-006 | 2025-11-17 16:45:33 | Ahmed Hassan | Approved Expense | Expenses | Approved expense EXP-003 for IT infrastructure | Approval |
| AUD-007 | 2025-11-17 15:20:12 | Sara Mohamed | Updated Revenue Entry | Revenue | Updated revenue entry REV-004 status to Received | Modification |
| AUD-008 | 2025-11-17 14:05:45 | Omar Ali | Uploaded Document | Documents | Uploaded Monthly Accounting Sheet - Nov 2025 | Create |

# Investor Portal

Petroleum Organization

2

Jennifer Davis
investor@funds.com

Logout

| Portfolio Value | Monthly Returns | Share Price | Dividend Yield |
|---|---|---|---|
| $2.5M | $18,750 | $127.50 | 4.8% |
| +12.5% | +8.2% | +3.1% | +0.3% |

Overview | Portfolio | Calculator | Investment Shares | News

## Investment Calculator

Calculate potential returns on petroleum investments (12.5% annual rate)

**Investment Amount ($)**: 50000

**Duration (months)**: 12

**Actions**: Calculate

### Investment Projection

| Initial Investment | Projected Return | Total Value |
|---|---|---|
| **$50,000** | **+$6,250.00** | **$56,250.00** |

Return Percentage: **12.50%**

Based on 12 months at 12.5% annual rate

# Investor Portal

Petroleum Organization

2

Successfully sold 250 shares of Refined Products ETF

Portfolio Value
$2.5M
+12.5%

Monthly Returns
$18,750
+8.2%

Share Price
$127.50
+3.1%

4.8%
+0.3%

Overview | Portfolio | Calculator | Investment Shares | News

Total Investment
**$22,000**

Current Value
**$23,930**

Total P&L
**+ $1,930**

## Investment Shares Portfolio

Manage your petroleum investment shares

| Share ID | Type | Quantity | Purchase Price | Current Price | P&L | Actions |
|---|---|---|---|---|---|---|
| SHR-001 | Crude Oil Futures | 100 | $75.50 | $82.30 | +$680.00 (9.01%) | Sell + Buy More |
| SHR-003 | Energy Sector Fund | 500 | $28.90 | $31.40 | +$1250.00 (8.65%) | Sell + Buy More |

# Importer Portal

Petroleum Organization

2

Investment projection calculated

| Active Orders | In Transit | Pending Approval | Investment Portfolio |
|---|---|---|---|
| 0 | 0 | 0 | $2.4M |

Export Orders | **Investment Calculator** | Investment Shares

## Investment Calculator

Calculate potential returns on petroleum investments (12.5% annual rate)

**Investment Amount ($)**: 423432

**Duration (months)**: 43

**Actions**: Calculate

### Investment Projection

| Initial Investment | Projected Return | Total Value |
|---|---|---|
| **$423,432** | **+$189,662.25** | **$613,094.25** |

Return Percentage: **44.79%**

Based on 43 months at 12.5% annual rate

# Importer Portal

Petroleum Organization

Michael Chen
importer@global.com

Logout

Active Orders
0

In Transit
0

Pending Approval
0

Investment Portfolio
$2.4M

Export Orders | Investment Calculator | Investment Shares

Total Investment
**$33,300**

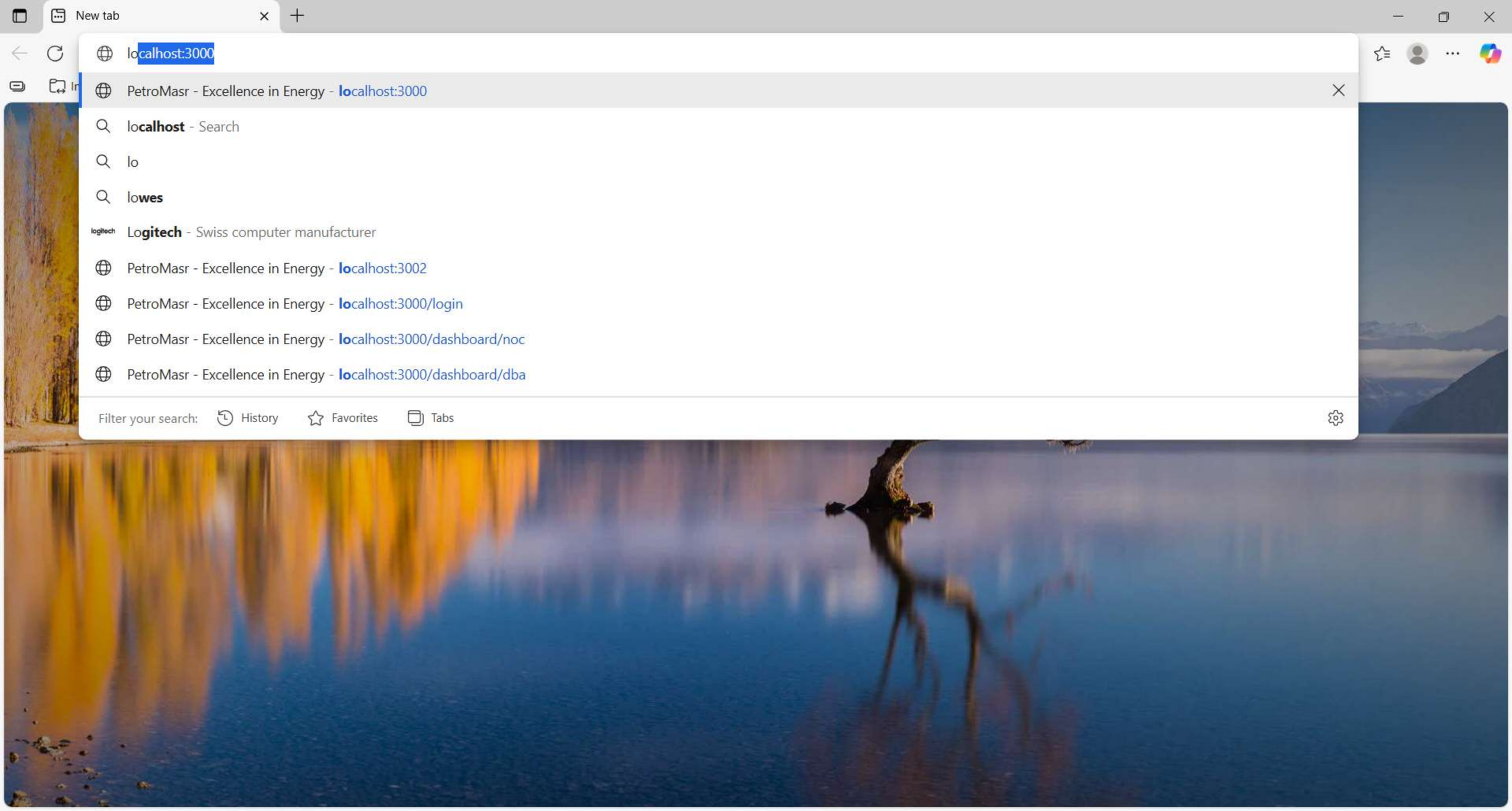
Current Value
**$34,880**

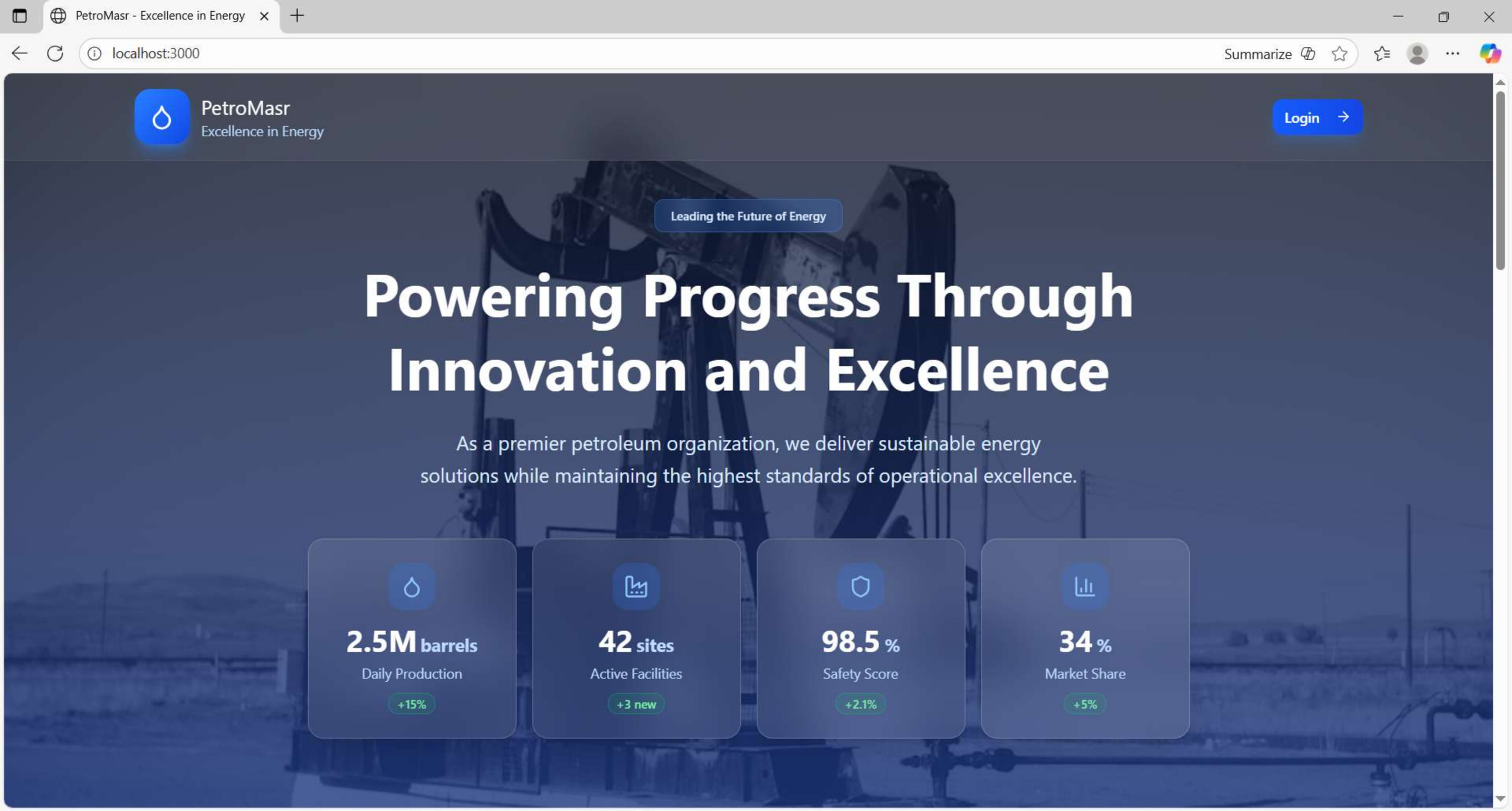
Total P&L
**+ $1,580**

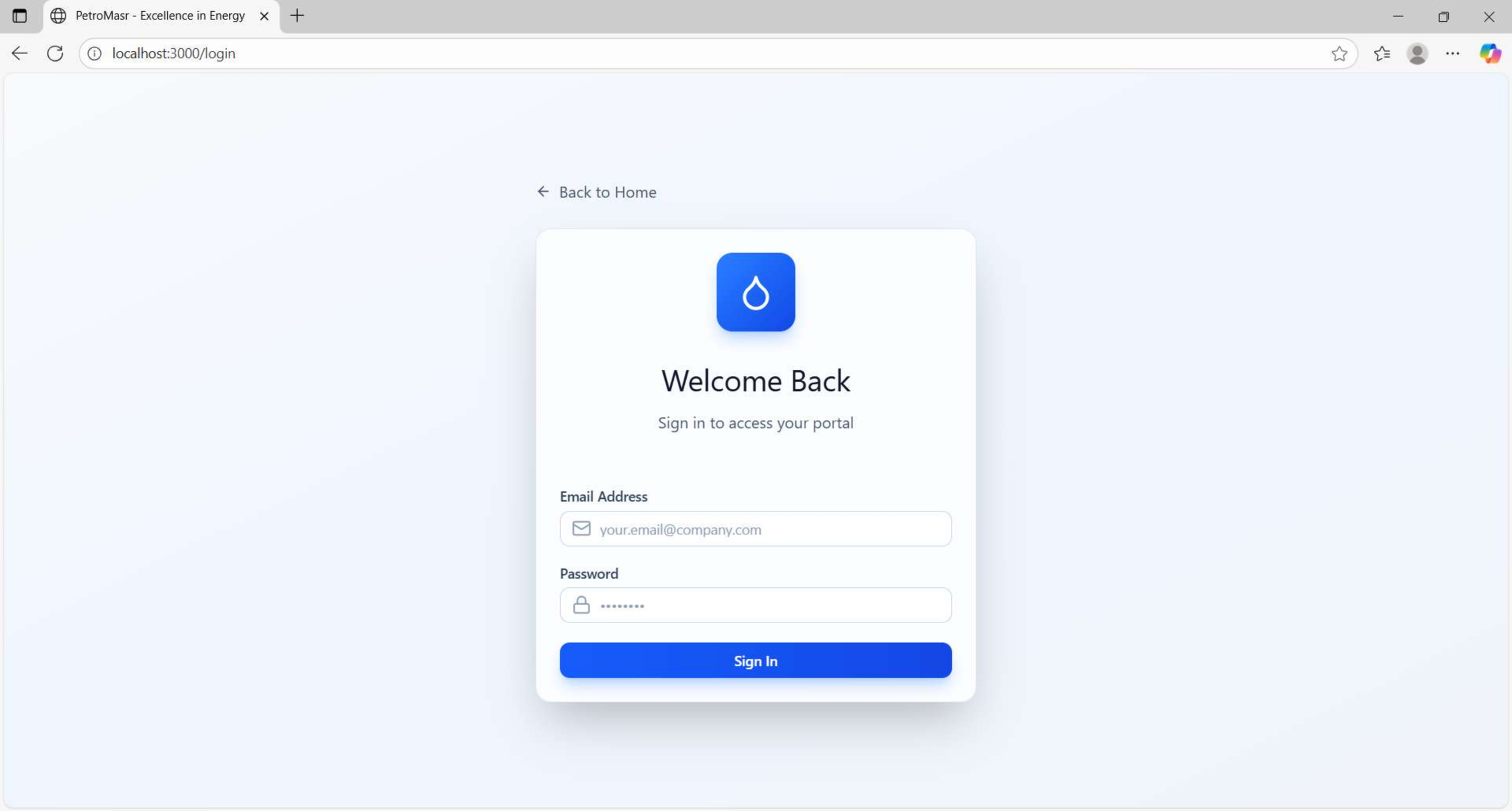
## Investment Shares Portfolio

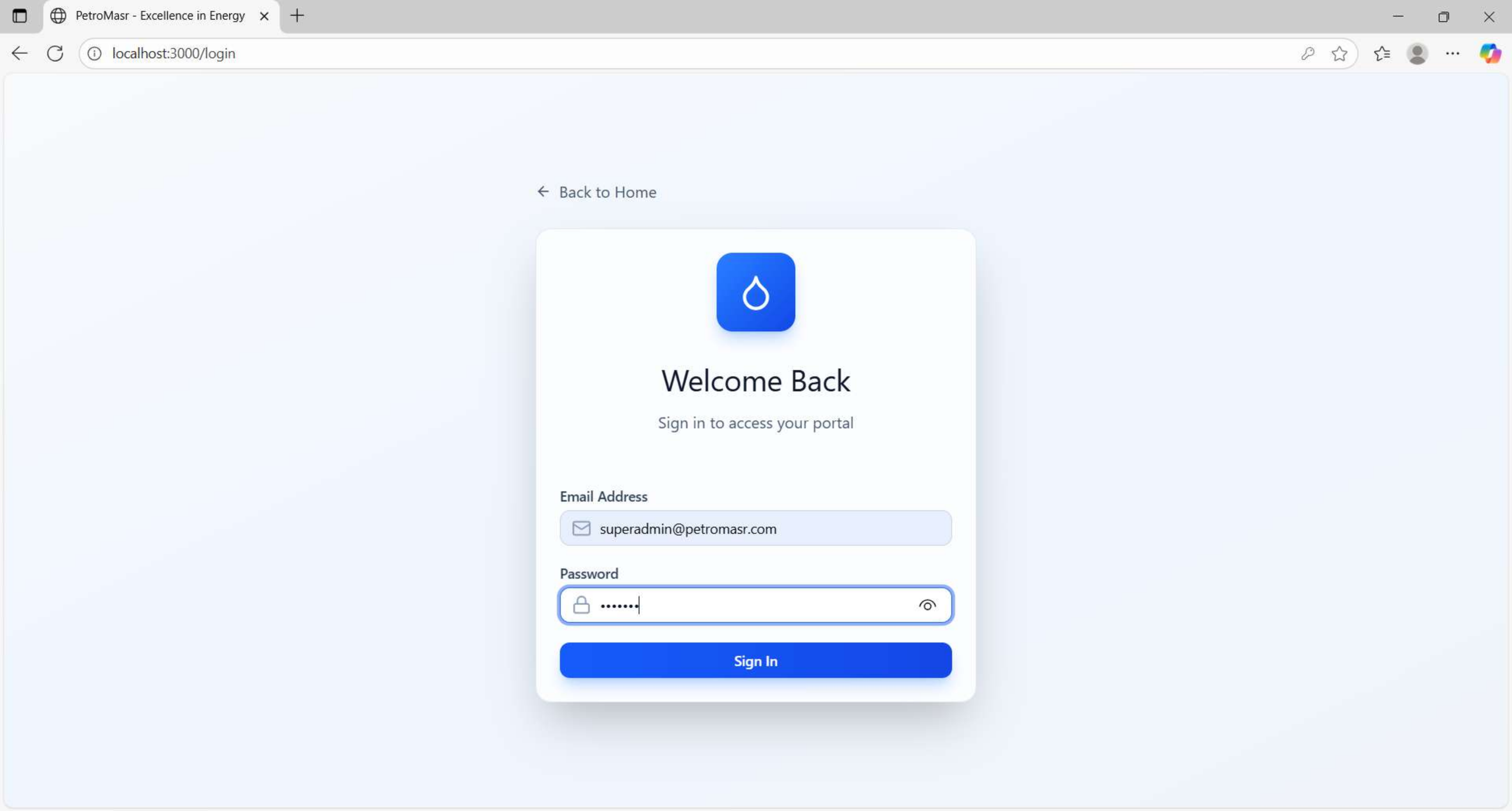
Manage your petroleum investment shares

| Share ID | Type | Quantity | Purchase Price | Current Price | P&L | Actions |
|---|---|---|---|---|---|---|
| SHR-001 | Crude Oil Futures | 100 | $75.50 | $82.30 | +$680.00 (9.01%) | Sell + Buy More |
| SHR-002 | Refined Products ETF | 250 | $45.20 | $43.80 | $-350.00 (-3.10%) | Sell + Buy More |
| SHR-003 | Energy Sector Fund | 500 | $28.90 | $31.40 | +$1250.00 (8.65%) | Sell + Buy More |


New tab
localhost:3000
PetroMasr - Excellence in Energy - localhost:3000
localhost - Search
lo
lowes
Logitech - Swiss computer manufacturer
PetroMasr - Excellence in Energy - localhost:3002
PetroMasr - Excellence in Energy - localhost:3000/login
PetroMasr - Excellence in Energy - localhost:3000/dashboard/noc
PetroMasr - Excellence in Energy - localhost:3000/dashboard/dba
Filter your search:
History
Favorites
Tabs


PetroMasr - Excellence in Energy
localhost:3000
Summarize
PetroMasr
Excellence in Energy
Login
Leading the Future of Energy
Powering Progress Through Innovation and Excellence
As a premier petroleum organization, we deliver sustainable energy solutions while maintaining the highest standards of operational excellence.
2.5M barrels
Daily Production
+15%
42 sites
Active Facilities
+3 new
98.5 %
Safety Score
+2.1%
34 %
Market Share
+5%


PetroMasr - Excellence in Energy
localhost:3000/login
Back to Home
Welcome Back
Sign in to access your portal
Email Address
your.email@company.com
Password
Sign In


PetroMasr - Excellence in Energy
localhost:3000/login
Back to Home
Welcome Back
Sign in to access your portal
Email Address
superadmin@petromasr.com
Password
Sign In

PetroMasr - Excellence in Energy

localhost:3000/dashboard/super-admin

RECENT SEARCHES

nvidia control panel - Search

localhost

راوتينج

xmind

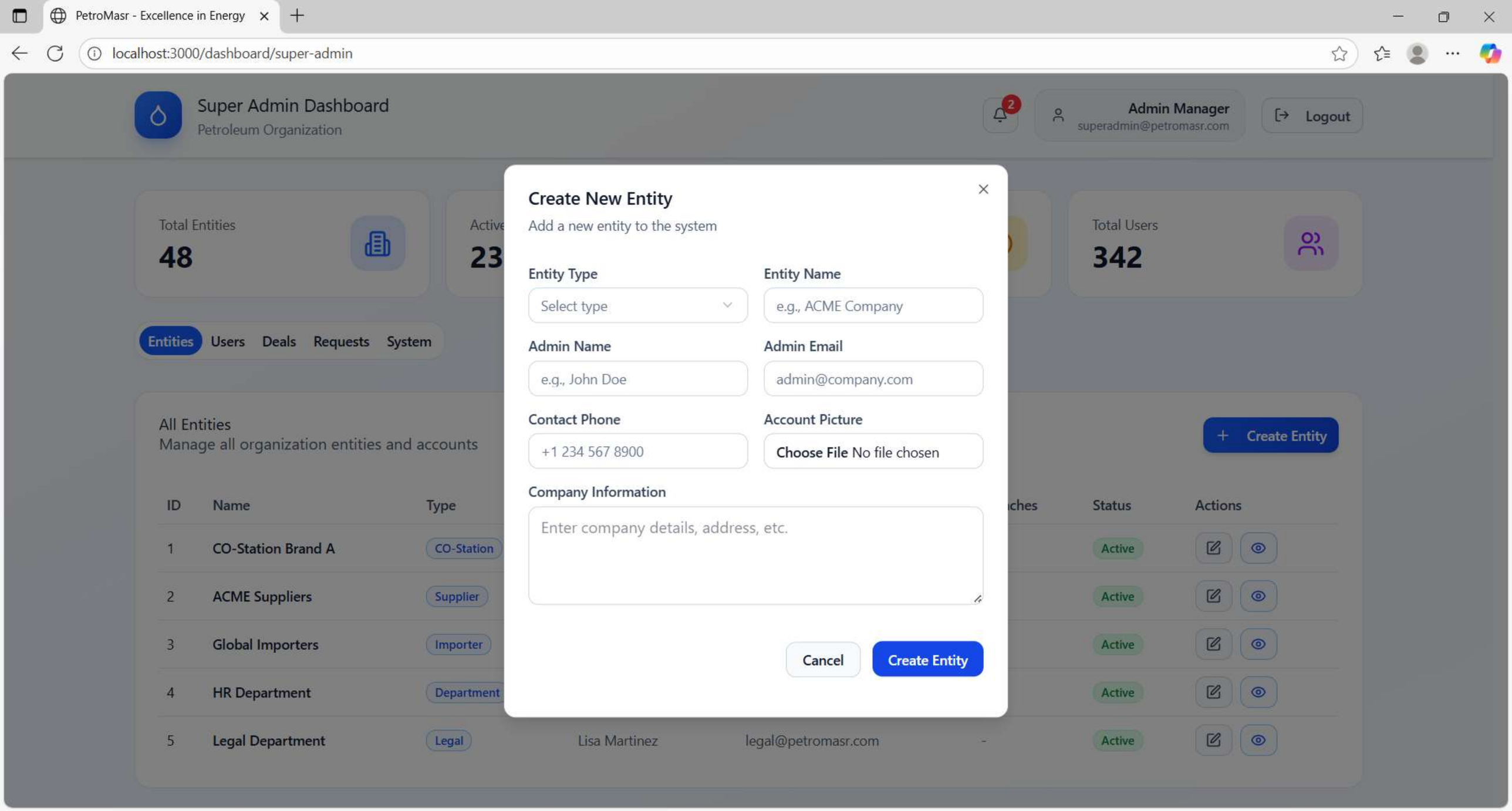
Filter your search: History Favorites Tabs

Entities Users Deals Requests System

All Entities
Manage all organization entities and accounts

+ Create Entity

| ID | Name | Type | Admin | Email | Branches | Status | Actions |
|---|---|---|---|---|---|---|---|
| 1 | **CO-Station Brand A** | CO-Station | John Anderson | admin@costation.com | 8 | Active | |
| 2 | **ACME Suppliers** | Supplier | Sarah Johnson | supplier@acme.com | - | Active | |
| 3 | **Global Importers** | Importer | Michael Chen | importer@global.com | - | Active | |
| 4 | **HR Department** | Department | Emma Williams | hr@petromasr.com | - | Active | |
| 5 | **Legal Department** | Legal | Lisa Martinez | legal@petromasr.com | - | Active | |


PetroMasr - Excellence in Energy
localhost:3000/dashboard/super-admin
Super Admin Dashboard
Petroleum Organization
2
Admin Manager
superadmin@petromasr.com
Logout
Total Entities
48
Active
23
Total Users
342
Entities
Users
Deals
Requests
System
All Entities
Manage all organization entities and accounts
Create Entity
ID
Name
Type
Status
Actions
1
CO-Station Brand A
CO-Station
Active
2
ACME Suppliers
Supplier
Active
3
Global Importers
Importer
Active
4
HR Department
Department
Active
5
Legal Department
Legal
Lisa Martinez
legal@petromasr.com
-
Active
Create New Entity
Add a new entity to the system
Entity Type
Select type
Entity Name
e.g., ACME Company
Admin Name
e.g., John Doe
Admin Email
admin@company.com
Contact Phone
+1 234 567 8900
Account Picture
Choose File No file chosen
Company Information
Enter company details, address, etc.
Cancel
Create Entity

# Super Admin Dashboard

Petroleum Organization

2

Admin Manager
superadmin@petromasr.com

Logout

46 | 23 | 12 | 342

Entities | Users | Deals | Requests | System

## NOC Portal

Network Operations Center - Manage network infrastructure

Access Portal

## SOC Portal

Security Operations Center - Monitor security threats

Access Portal

## System Admin Portal

System Administration - Manage servers and infrastructure

Access Portal

## Database Administrator Portal

Database Administration - Manage database infrastructure

Access Portal

## Financial Department Portal

Financial Management - Revenue, expenses, and reporting

Access Portal

# Network Operation Control

Petroleum Organization

2

NOC Admin
noc@petromasr.com

Logout

| Total Devices | Compliance IDs | ISP Connections | Network Topology |
|---|---|---|---|
| 8 | 5 | 2 | 1 |

Network Devices | Network Topology | ISP Management

## Network Infrastructure Devices

Configure and manage all network devices

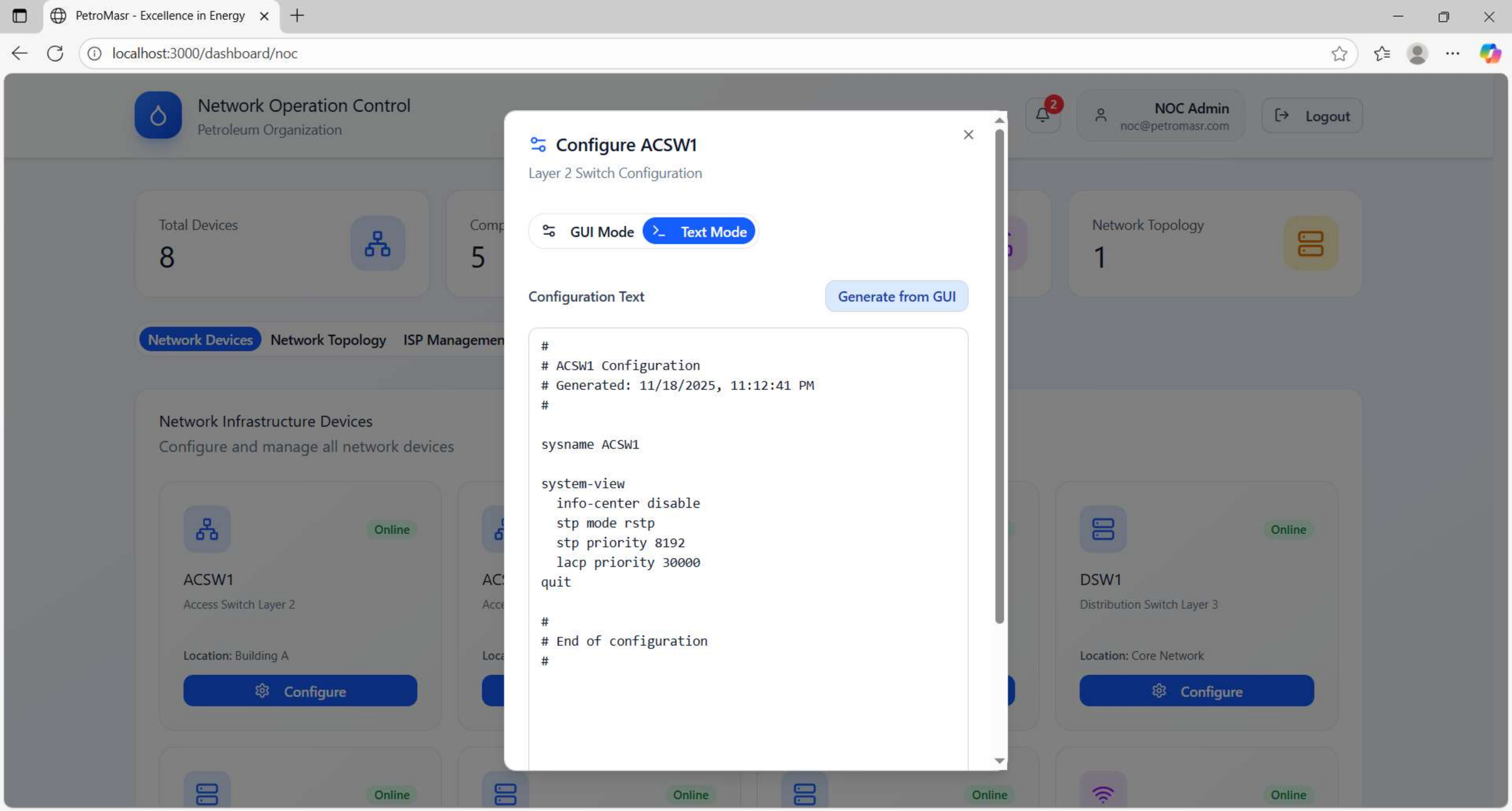
### ACSW1
Online
Access Switch Layer 2
**Location:** Building A
Configure

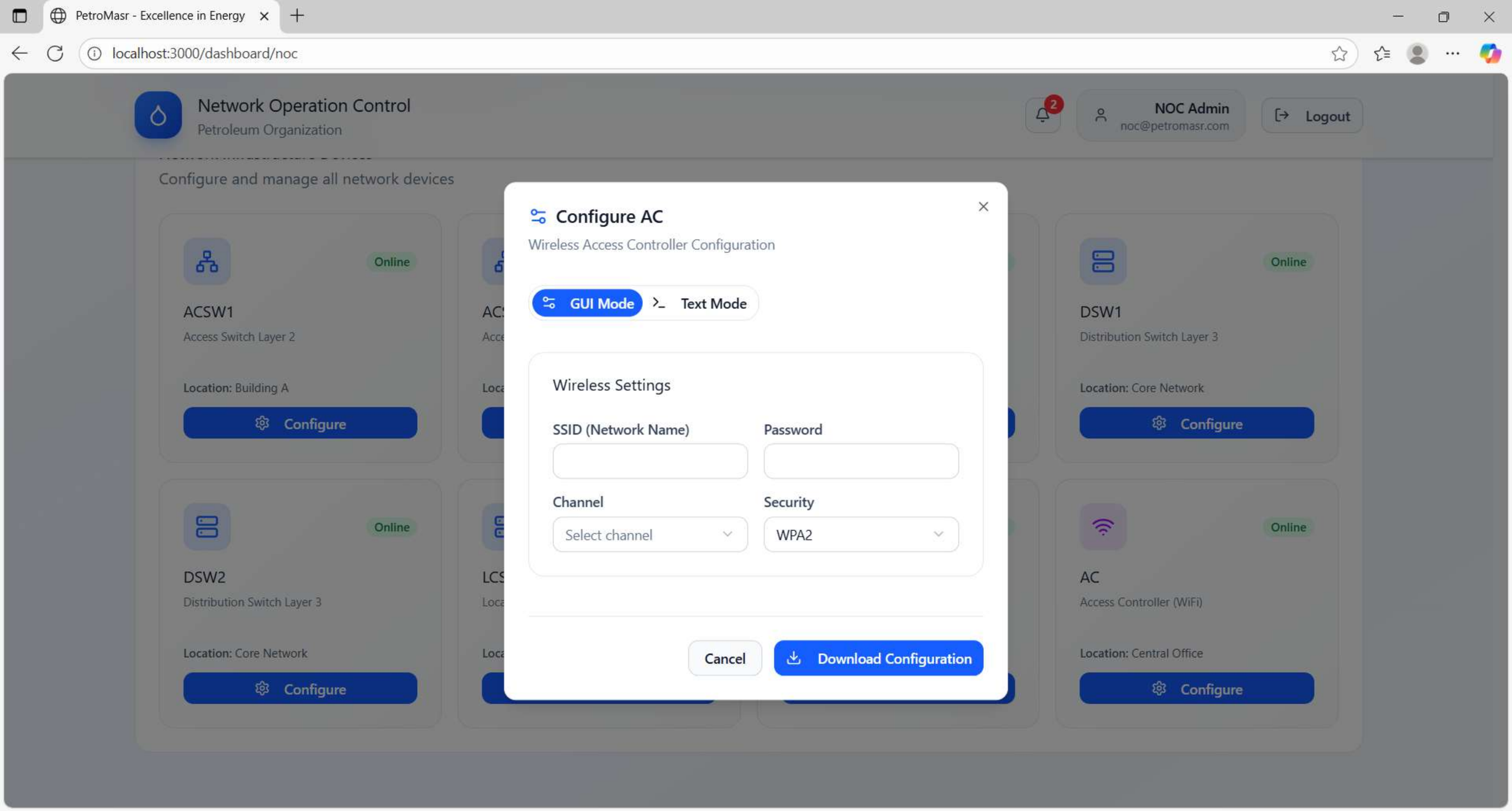
### ACSW2
Online
Access Switch Layer 2
**Location:** Building B
Configure

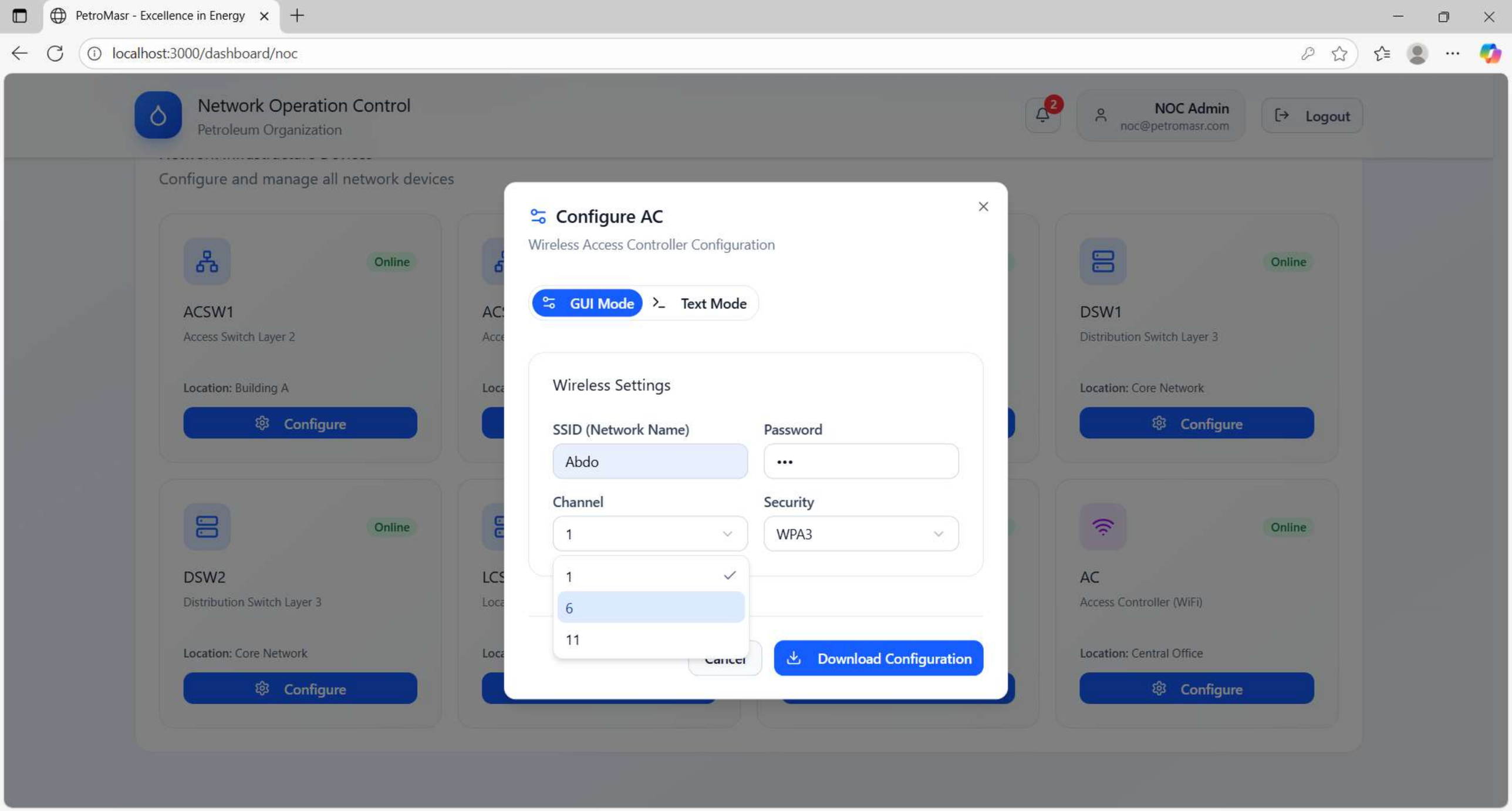
### ACSW3
Online
Access Switch Layer 2
**Location:** Building C
Configure

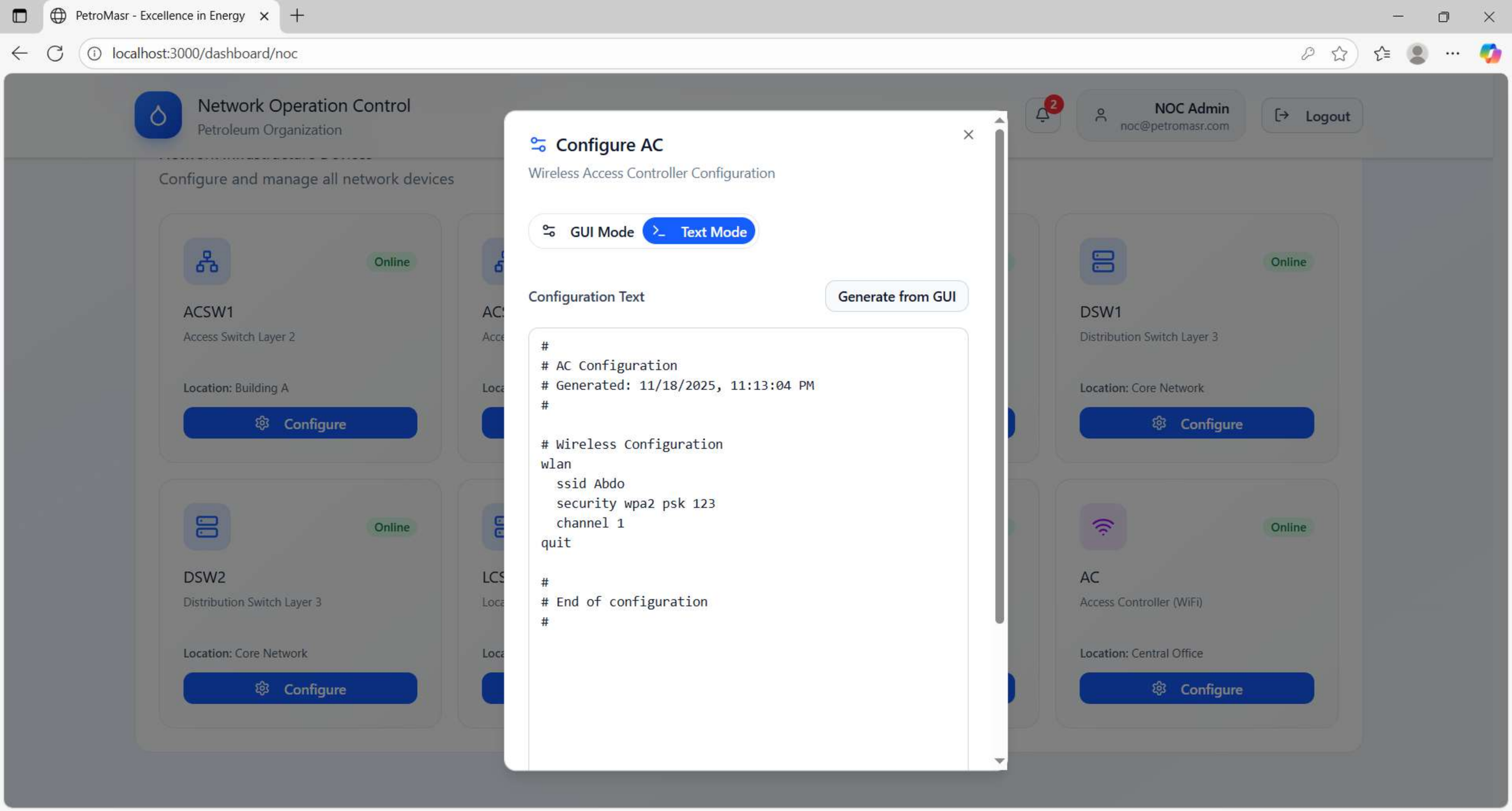
### DSW1
Online
Distribution Switch Layer 3
**Location:** Core Network
Configure

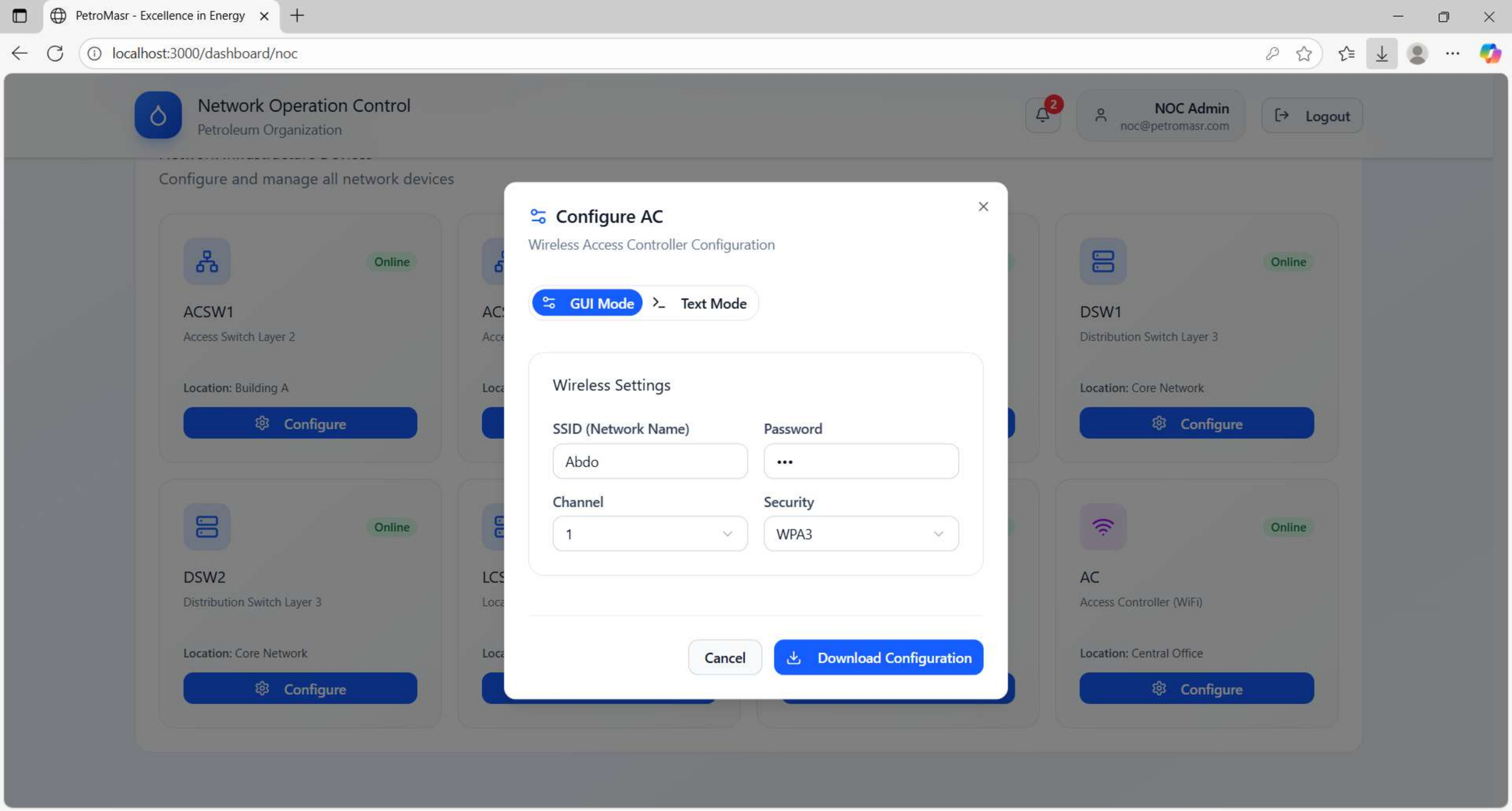
Online | Online | Online | Online


PetroMasr - Excellence in Energy
localhost:3000/dashboard/noc
Network Operation Control
Petroleum Organization
2
NOC Admin
noc@petromasr.com
Logout
Total Devices
8
5
Network Topology
1
Network Devices
Network Topology
ISP Managemen
Network Infrastructure Devices
Configure and manage all network devices
Online
ACSW1
Access Switch Layer 2
Location: Building A
Configure
Online
DSW1
Distribution Switch Layer 3
Location: Core Network
Configure
Online
Online
Online
Online
Configure ACSW1
Layer 2 Switch Configuration
GUI Mode
Text Mode
Configuration Text
Generate from GUI
#
# ACSW1 Configuration
# Generated: 11/18/2025, 11:12:41 PM
#
sysname ACSW1
system-view
info-center disable
stp mode rstp
stp priority 8192
lacp priority 30000
quit
#
# End of configuration
#


PetroMasr - Excellence in Energy
localhost:3000/dashboard/noc
Network Operation Control
Petroleum Organization
2
NOC Admin
noc@petromasr.com
Logout
Configure and manage all network devices
Online
ACSW1
Access Switch Layer 2
Location: Building A
Configure
Online
DSW1
Distribution Switch Layer 3
Location: Core Network
Configure
Online
DSW2
Distribution Switch Layer 3
Location: Core Network
Configure
Online
AC
Access Controller (WiFi)
Location: Central Office
Configure
Configure AC
Wireless Access Controller Configuration
GUI Mode
Text Mode
Wireless Settings
SSID (Network Name)
Password
Channel
Select channel
Security
WPA2
Cancel
Download Configuration


PetroMasr - Excellence in Energy
localhost:3000/dashboard/noc
Network Operation Control
Petroleum Organization
2
NOC Admin
noc@petromasr.com
Logout
Configure and manage all network devices
Online
ACSW1
Access Switch Layer 2
Location: Building A
Configure
Online
DSW1
Distribution Switch Layer 3
Location: Core Network
Configure
Online
DSW2
Distribution Switch Layer 3
Location: Core Network
Configure
Online
AC
Access Controller (WiFi)
Location: Central Office
Configure
Configure AC
Wireless Access Controller Configuration
GUI Mode
Text Mode
Wireless Settings
SSID (Network Name)
Abdo
Password
Channel
1
Security
WPA3
1
6
11
Cancel
Download Configuration


PetroMasr - Excellence in Energy
localhost:3000/dashboard/noc
Network Operation Control
Petroleum Organization
2
NOC Admin
noc@petromasr.com
Logout
Configure and manage all network devices
Online
ACSW1
Access Switch Layer 2
Location: Building A
Configure
Online
DSW1
Distribution Switch Layer 3
Location: Core Network
Configure
Online
DSW2
Distribution Switch Layer 3
Location: Core Network
Configure
Online
AC
Access Controller (WiFi)
Location: Central Office
Configure
Configure AC
Wireless Access Controller Configuration
GUI Mode
Text Mode
Configuration Text
Generate from GUI
#
# AC Configuration
# Generated: 11/18/2025, 11:13:04 PM
#
# Wireless Configuration
wlan
ssid Abdo
security wpa2 psk 123
channel 1
quit
#
# End of configuration
#


PetroMasr - Excellence in Energy
localhost:3000/dashboard/noc
Network Operation Control
Petroleum Organization
2
NOC Admin
noc@petromasr.com
Logout
Configure and manage all network devices
Online
ACSW1
Access Switch Layer 2
Location: Building A
Configure
Online
DSW1
Distribution Switch Layer 3
Location: Core Network
Configure
Online
DSW2
Distribution Switch Layer 3
Location: Core Network
Configure
Online
AC
Access Controller (WiFi)
Location: Central Office
Configure
Configure AC
Wireless Access Controller Configuration
GUI Mode
Text Mode
Wireless Settings
SSID (Network Name)
Abdo
Password
Channel
1
Security
WPA3
Cancel
Download Configuration

# Network Operation Control

Petroleum Organization

2

NOC Admin
noc@petromasr.com

Logout

| Total Devices | Compliance IDs | ISP Connections | Network Topology |
|---|---|---|---|
| 8 | 5 | 2 | 1 |

Network Devices | Network Topology | ISP Management

## Network Topology

Upload your network diagram (recommended: 16:9 aspect ratio for laptop displays)

Drag and drop your network topology image here

or

Browse Files

Recommended: 1920x1080px or 16:9 aspect ratio

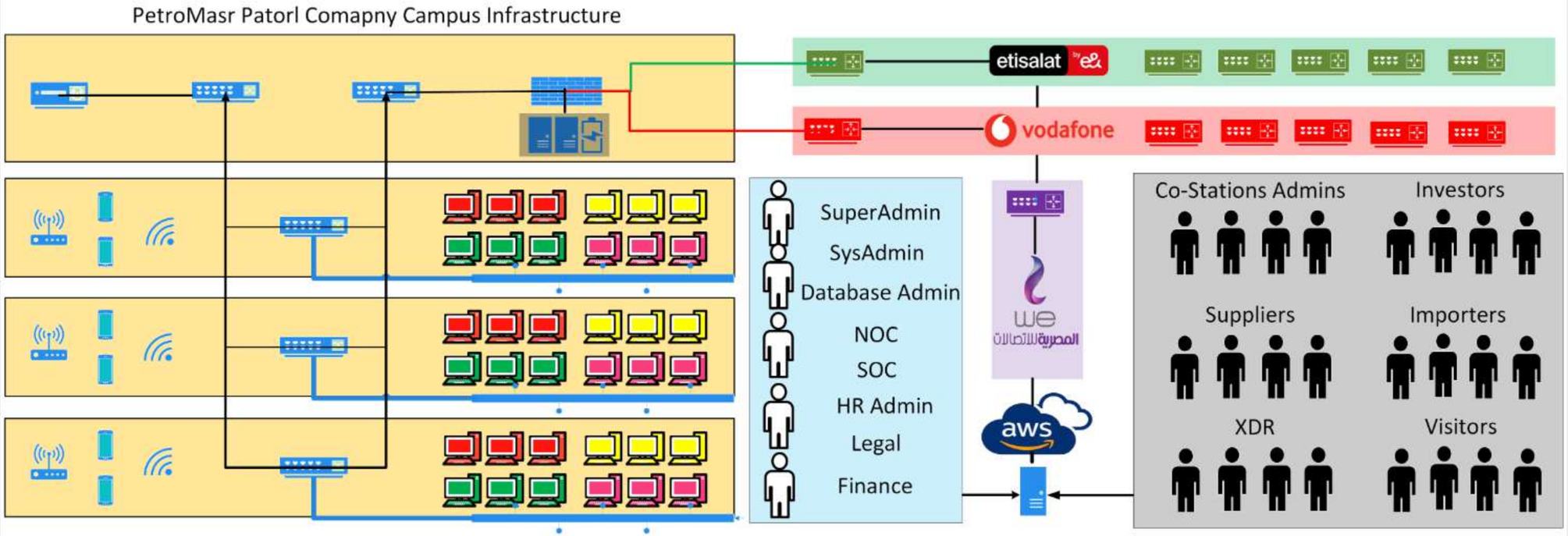
Network Operation Control
Petroleum Organization

2
NOC Admin
noc@petromasr.com
Logout

## Network Topology

Upload your network diagram (recommended: 16:9 aspect ratio for laptop displays)

Remove



# Security Operations Center

Petroleum Organization

2

SOC Admin
soc@petromasr.com

Logout

| Security Alerts | Blocked Threats | Active Endpoints | Firewall Rules |
|---|---|---|---|
| 23 | 1,234 | 342 | 156 |
| 12 High Priority | Last 24 hours | All Protected | 12 Policy-based |

Overview | Firewall (FortiGate) | Email Security (FortiMail) | Endpoint Security | XDR Tickets

## Recent Security Alerts

Latest security events and incidents

- **Ransomware Attempt Blocked** — Critical
  EMP-PC-23
  5 min ago — Contained
- **Suspicious Login Activity** — Warning
  Server-DB-01
  15 min ago — Investigating
- **Firewall Rule Updated** — Info
  FortiGate-Main
  1 hour ago — Completed

## Security Posture

Overall security health status

- **Firewall Protection** — Healthy
  Active & Configured
- **Email Security** — Healthy
  Scanning Active
- **Endpoint Protection** — Warning
  4 Devices Need Attention
- **Threat Intelligence** — Current
  Database Updated

Security Operations Center
Petroleum Organization

2
SOC Admin
soc@petromasr.com
Logout

FortiMail Configuration
Email security gateway configuration and monitoring

Show CLI
Save Config

Protocols | Security | Monitoring | Recommendations

## Email Protocol Configuration

**POP3 (Post Office Protocol)**
Port 110 / 995 (SSL)

**SMTP (Simple Mail Transfer Protocol)**
Port 25 / 587 (TLS) / 465 (SSL)

**IMAP (Internet Message Access Protocol)**
Port 143 / 993 (SSL)

## Rate Limiting

Prevent email flooding and DDoS attacks

**Maximum Rate (emails/second)** 1450 / 2000

2000

Security Operations Center
Petroleum Organization

2
SOC Admin
soc@petromasr.com
Logout

FortiMail Configuration
Email security gateway configuration and monitoring

Show CLI
Save Config

Protocols | Security | Monitoring | Recommendations

## Security Recommendations

Improve your email security posture

1. Enable DKIM signing for outgoing emails
2. Configure SPF records for domain validation
3. Enable rate limiting to prevent email flooding
4. Set up email archiving for compliance
5. Configure backup MX records for redundancy

# Security Operations Center

Petroleum Organization

2

SOC Admin
soc@petromasr.com

Logout

| Security Alerts | Blocked Threats | Active Endpoints | Firewall Rules |
|---|---|---|---|
| 23 | 1,234 | 342 | 156 |
| 12 High Priority | Last 24 hours | All Protected | 12 Policy-based |

Overview | Firewall (FortiGate) | Email Security (FortiMail) | Endpoint Security | XDR Tickets

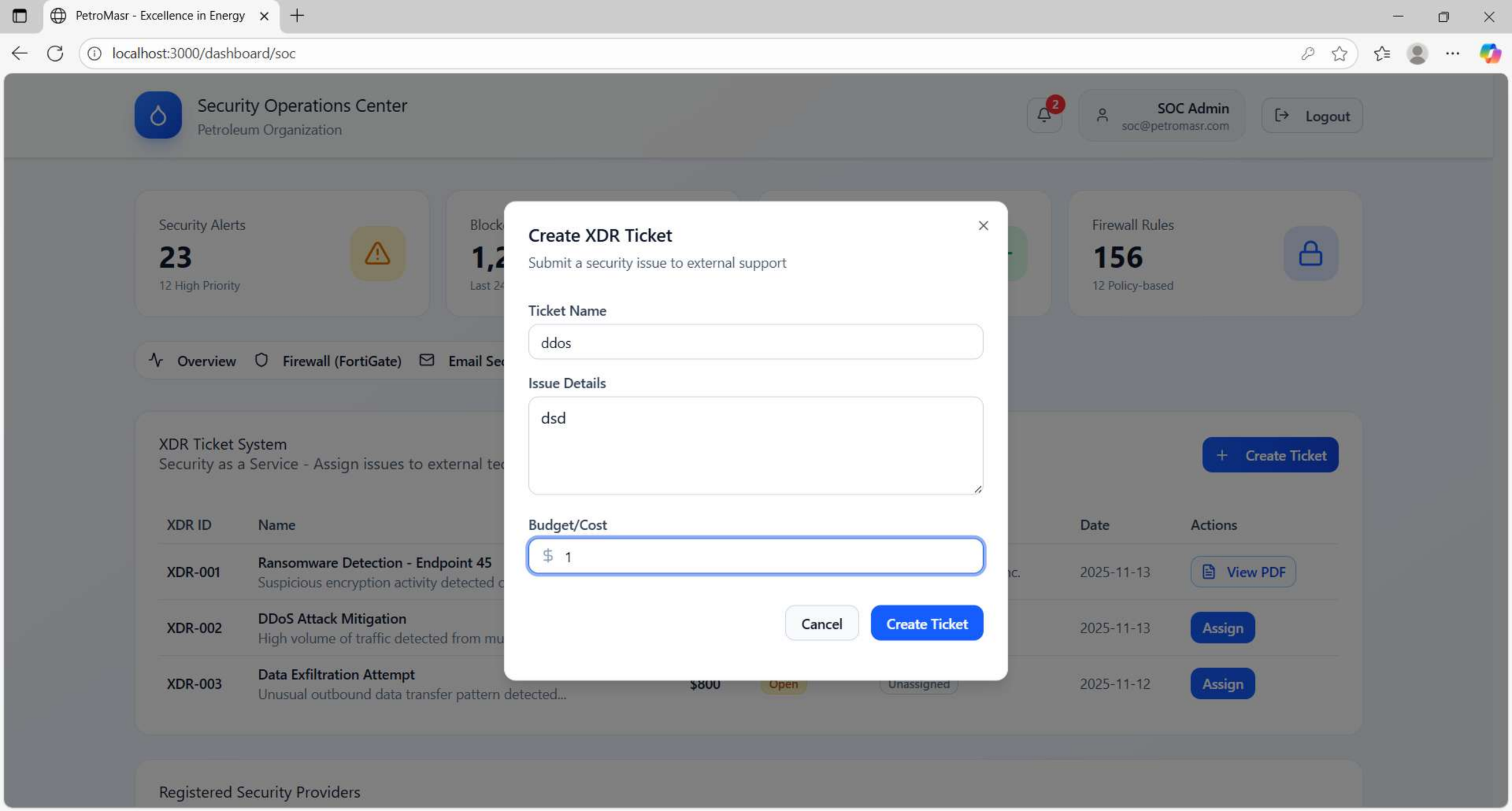
## XDR Ticket System

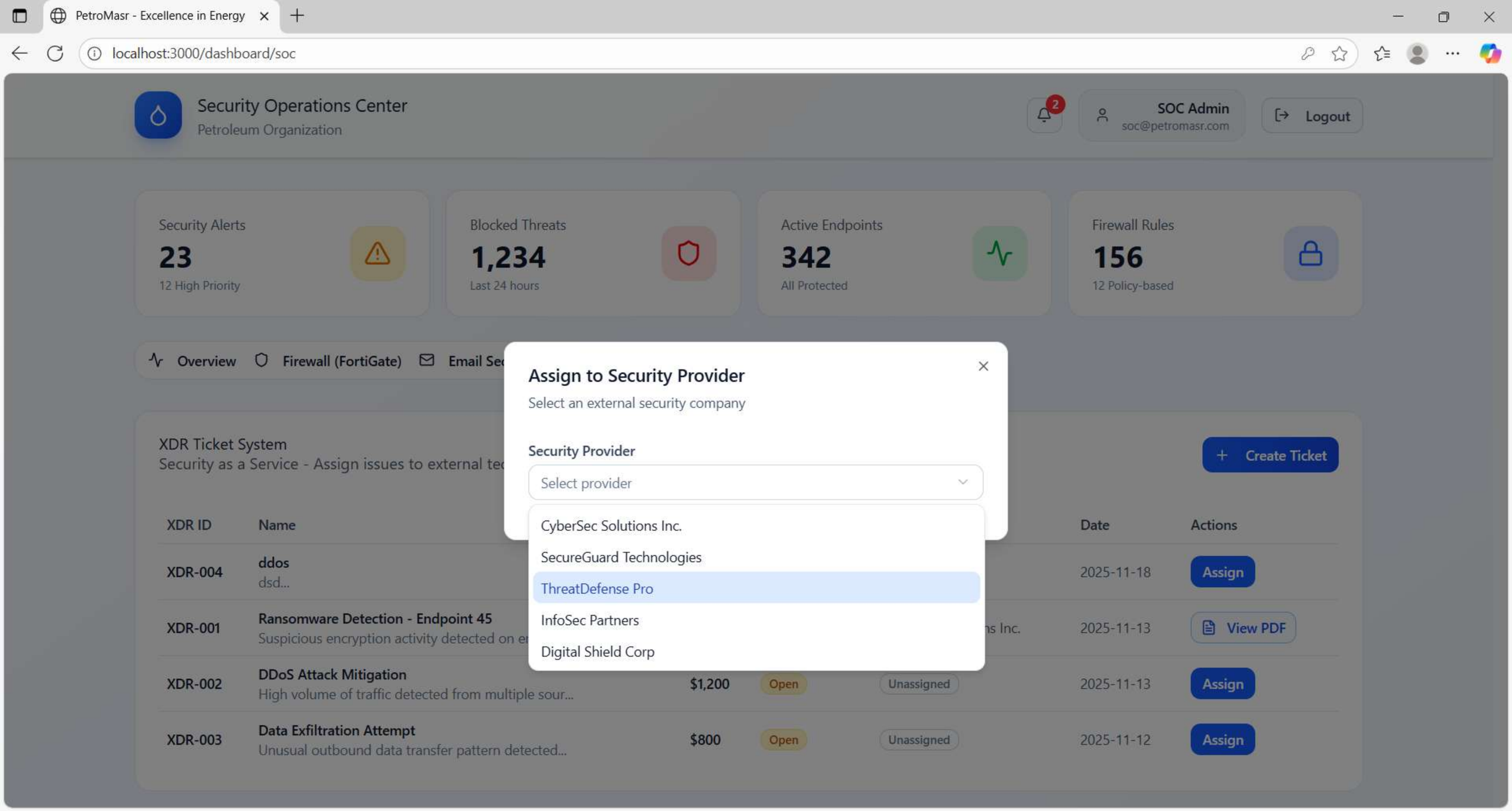
Security as a Service - Assign issues to external technical support

+ Create Ticket

| XDR ID | Name | Cost | Status | Assigned To | Date | Actions |
|---|---|---|---|---|---|---|
| XDR-001 | **Ransomware Detection - Endpoint 45**<br>Suspicious encryption activity detected on employe... | $500 | In Progress | CyberSec Solutions Inc. | 2025-11-13 | View PDF |
| XDR-002 | **DDoS Attack Mitigation**<br>High volume of traffic detected from multiple sour... | $1,200 | Open | Unassigned | 2025-11-13 | Assign |
| XDR-003 | **Data Exfiltration Attempt**<br>Unusual outbound data transfer pattern detected... | $800 | Open | Unassigned | 2025-11-12 | Assign |

## Registered Security Providers


PetroMasr - Excellence in Energy
localhost:3000/dashboard/soc
Security Operations Center
Petroleum Organization
SOC Admin
soc@petromasr.com
Logout
Security Alerts
23
12 High Priority
Firewall Rules
156
12 Policy-based
Overview
Firewall (FortiGate)
XDR Ticket System
Security as a Service - Assign issues to external tec
Create Ticket
XDR ID
Name
Date
Actions
XDR-001
Ransomware Detection - Endpoint 45
Suspicious encryption activity detected c
2025-11-13
View PDF
XDR-002
DDoS Attack Mitigation
High volume of traffic detected from mu
2025-11-13
Assign
XDR-003
Data Exfiltration Attempt
Unusual outbound data transfer pattern detected...
$800
Open
Unassigned
2025-11-12
Assign
Registered Security Providers
Create XDR Ticket
Submit a security issue to external support
Ticket Name
ddos
Issue Details
dsd
Budget/Cost
$ 1
Cancel
Create Ticket


PetroMasr - Excellence in Energy
localhost:3000/dashboard/soc
Security Operations Center
Petroleum Organization
SOC Admin
soc@petromasr.com
Logout
Security Alerts
23
12 High Priority
Blocked Threats
1,234
Last 24 hours
Active Endpoints
342
All Protected
Firewall Rules
156
12 Policy-based
Overview
Firewall (FortiGate)
Email Sec
XDR Ticket System
Security as a Service - Assign issues to external tec
Create Ticket
XDR ID
Name
Date
Actions
XDR-004
ddos
dsd...
2025-11-18
Assign
XDR-001
Ransomware Detection - Endpoint 45
Suspicious encryption activity detected on e
ns Inc.
2025-11-13
View PDF
XDR-002
DDoS Attack Mitigation
High volume of traffic detected from multiple sour...
$1,200
Open
Unassigned
2025-11-13
Assign
XDR-003
Data Exfiltration Attempt
Unusual outbound data transfer pattern detected...
$800
Open
Unassigned
2025-11-12
Assign
Assign to Security Provider
Select an external security company
Security Provider
Select provider
CyberSec Solutions Inc.
SecureGuard Technologies
ThreatDefense Pro
InfoSec Partners
Digital Shield Corp

# Security Operations Center

Petroleum Organization

2

Ticket assigned to security provider

| Security Alerts | Blocked Threats | Active Endpoints | Firewall Rules |
|---|---|---|---|
| 23 | 1,234 | 342 | 156 |
| 12 High Priority | Last 24 hours | All Protected | 12 Policy-based |

Overview | Firewall (FortiGate) | Email Security (FortiMail) | Endpoint Security | XDR Tickets

## XDR Ticket System

Security as a Service - Assign issues to external technical support

+ Create Ticket

| XDR ID | Name | Cost | Status | Assigned To | Date | Actions |
|---|---|---|---|---|---|---|
| XDR-004 | **ddos**<br>dsd... | 1 | In Progress | ThreatDefense Pro | 2025-11-18 | In Progress |
| XDR-001 | **Ransomware Detection - Endpoint 45**<br>Suspicious encryption activity detected on employe... | $500 | In Progress | CyberSec Solutions Inc. | 2025-11-13 | View PDF |
| XDR-002 | **DDoS Attack Mitigation**<br>High volume of traffic detected from multiple sour... | $1,200 | Open | Unassigned | 2025-11-13 | Assign |
| XDR-003 | **Data Exfiltration Attempt**<br>Unusual outbound data transfer pattern detected... | $800 | Open | Unassigned | 2025-11-12 | Assign |

System Administration
Petroleum Organization

2

System Administrator
sysadmin@petromasr.com

Logout

6 | 342 | 36 | 97%

Department PCs | Active Directory | Servers | Group Policy

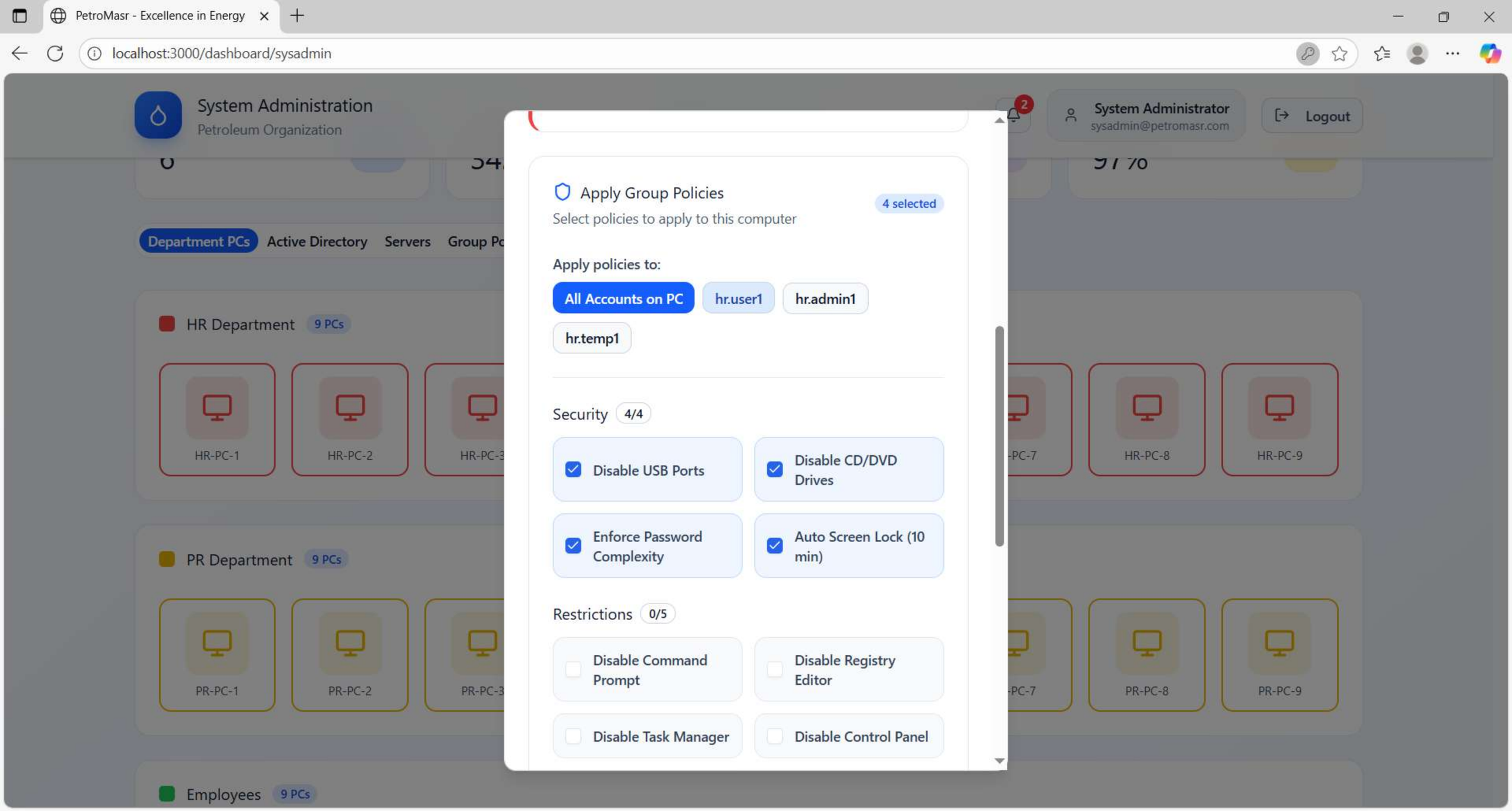
## HR Department 9 PCs

HR-PC-1 | HR-PC-2 | HR-PC-3 | HR-PC-4 | HR-PC-5 | HR-PC-6 | HR-PC-7 | HR-PC-8 | HR-PC-9

## PR Department 9 PCs

PR-PC-1 | PR-PC-2 | PR-PC-3 | PR-PC-4 | PR-PC-5 | PR-PC-6 | PR-PC-7 | PR-PC-8 | PR-PC-9

## Employees 9 PCs


PetroMasr - Excellence in Energy
localhost:3000/dashboard/sysadmin
System Administration
Petroleum Organization
System Administrator
sysadmin@petromasr.com
Logout
Department PCs
Active Directory
Servers
HR Department
9 PCs
HR-PC-1
HR-PC-2
HR-PC-8
HR-PC-9
PR Department
9 PCs
PR-PC-1
PR-PC-2
PR-PC-8
PR-PC-9
Employees
9 PCs
Apply Group Policies
Select policies to apply to this computer
4 selected
Apply policies to:
All Accounts on PC
hr.user1
hr.admin1
hr.temp1
Security
4/4
Disable USB Ports
Disable CD/DVD Drives
Enforce Password Complexity
Auto Screen Lock (10 min)
Restrictions
0/5
Disable Command Prompt
Disable Registry Editor
Disable Task Manager
Disable Control Panel

# System Administration

Petroleum Organization

2

System Administrator
sysadmin@petromasr.com

Logout

Active Servers
6

Domain Users
342

Total PCs
36

System Health
97%

Department PCs | Active Directory | Servers | Group Policy

Total Users
5

Active PCs
5

Policies Applied
10

## Active Directory Users

Manage user accounts, credentials, and group policies

+ Add User

| User ID | PC ID | Username | Department | IP Address | Role | Status | Work State | Applied Policies | Actions |
|---|---|---|---|---|---|---|---|---|---|
| USR-001 | PC-DEPT-101 | ahmed.salem | Engineering | 192.168.10.101 | Senior Engineer | active | continue | Security Policy, Software Restriction | |
| USR-002 | PC-DEPT-102 | fatma.hassan | Finance | 192.168.10.102 | Financial Analyst | active | continue | Security Policy, Data Protection | |
| USR-003 | PC-DEPT-103 | mohamed.ali | HR | 192.168.10.103 | HR Manager | active | continue | Security Policy, HR Access | |
| USR-004 | PC-DEPT-104 | sara.ibrahim | Engineering | 192.168.10.104 | Junior Engineer | active | new hired | Security Policy | |
| USR-005 | PC-DEPT-105 | omar.khalil | IT | 192.168.10.105 | IT Specialist | active | continue | Security Policy, Admin Tools, Software Restriction | |

# System Administration

Petroleum Organization

2

System Administrator
sysadmin@petromasr.com

Logout

Overview | Visitor History | File Manager | DDOS Protection

## Cloud Service Details

Amazon Web Services hosting information

**Account ID**
123456789012

**Subscription Type**
Business Support

**Monthly Cost**
$245.00 USD

**Billing Cycle**
Renews on Dec 1, 2025

**Server IP**
52.29.145.78

**Domain**
www.petromasr.com

**SSL Certificate**
Valid until 2026-11-14

**Backup Frequency**
Daily at 02:00 AM

## Resource Utilization

CPU Usage 45%

Memory Usage 62%

Disk Usage 38%

Bandwidth (Monthly) 1.2 TB / 2 TB

# System Administration

Petroleum Organization

2

Syst
sysad

Starting Full backup for IT

| Total Backups | Total Storage | Departments | Success Rate |
|---|---|---|---|
| 5 | 3.6 TB | 6 | 99.8% |

New Backup | Backup History | Department Shares

## Create New Backup

Configure and initiate backup for department file shares

**Backup Type**

Full Backup

Complete backup of all files

**Department**

IT (890 GB)

Backup in Progress... 15%

Full backup for IT department

Backup Running... | Cancel

## Backup Type Information

# System Administration

Petroleum Organization

2

System Administrator
sysadmin@petromasr.com

Logout

Web Server | Backup (Veeam) | DNS | DHCP | WDS | WSUS | Camera Server

Total Scopes
3

Active Leases
135

Exclusions
3
Active

## DHCP Scopes

Configure IP address ranges and network settings

+ Add Scope

| Scope Name | IP Range | Subnet Mask | Gateway | DNS Servers | Lease Duration | Active Leases | Actions |
|---|---|---|---|---|---|---|---|
| Engineering VLAN | 192.168.10.50 - 192.168.10.200 | 255.255.255.0 | 192.168.10.1 | 192.168.1.10, 8.8.8.8 | 8 hours | 45 | |
| Finance VLAN | 192.168.20.50 - 192.168.20.150 | 255.255.255.0 | 192.168.20.1 | 192.168.1.10, 8.8.8.8 | 8 hours | 12 | |
| Guest WiFi | 192.168.100.50 - 192.168.100.250 | 255.255.255.0 | 192.168.100.1 | 8.8.8.8, 8.8.4.4 | 2 hours | 78 | |

## IP Address Exclusions

Exclude IP ranges from DHCP assignment

+ Add Exclusion

# System Administration

Petroleum Organization

2

System Administrator
sysadmin@petromasr.com

Logout

Web Server | Backup (Veeam) | DNS | DHCP | WDS | WSUS | Camera Server

| Total Cameras | Active Cameras | Recording | Floors |
|---|---|---|---|
| 19 | 15 | 12 | 5 |

## DMSS Camera System - Floor Management

Activate and manage cameras for each floor

Ground Floor | First Floor | Second Floor | Third Floor | Rooftop

### Ground Floor - Cameras

3 of 4 cameras active

Activate All | Deactivate All

**Main Entrance**
Lobby
Recording

| | |
|---|---|
| Camera ID: | CAM-1-001 |
| Resolution: | 1920x1080 |
| Frame Rate: | 30 FPS |

**Reception Area**
Reception
Recording

| | |
|---|---|
| Camera ID: | CAM-1-002 |
| Resolution: | 1920x1080 |
| Frame Rate: | 30 FPS |

# Database Administrator Portal

Petroleum Organization

2

Database Administrator
dba@petromasr.com

Logout

Overview | Databases | Schemas | Query Console | Monitoring | Backup & Recovery | Users & Roles | Security | Replication | Maintenance

## SQL Databases

**24**

PostgreSQL, MySQL, SQL Server

## NoSQL Databases

**15**

MongoDB, Cassandra, DynamoDB

## In-Memory Databases

**8**

Redis, Memcached, ElastiCache

## Database Instances

Manage all database instances across the organization

Add Database

| Database Name | Engine | Status | Uptime | Storage | Connections | Query Load | Index Health | Actions |
|---|---|---|---|---|---|---|---|---|
| prod_petroleum_db | PostgreSQL v15.3 | running | 45 days | 2.4TB | 342 | 245/s | 96% | |
| analytics_warehouse | MySQL v8.0.34 | running | 30 days | 5.8TB | 128 | 189/s | 88% | |
| cache_redis_cluster | Redis v7.0.12 | running | 60 days | 128GB | 1247 | 8542/s | 100% | |
| nosql_documents | MongoDB v6.0.8 | running | 22 days | 3.2TB | 89 | 156/s | 92% | |
| timeseries_metrics | InfluxDB v2.7.1 | maintenance | 8 days | 1.1TB | 0 | 0/s | 94% | |

# Database Administrator Portal

Petroleum Organization

2

Database Administrator
dba@petromasr.com

Logout

Overview | Databases | Schemas | Query Console | Monitoring | Backup & Recovery | Users & Roles | Security | Replication | Maintenance

## Schema Explorer

Browse database schemas and objects

- prod_petroleum_db
  - public
    - users 15,420
    - orders 234,567
    - products 8,923
- analytics_warehouse

## Table Details

Viewing: orders

| Row Count | Size on Disk | Fragmentation |
|---|---|---|
| 234,567 | 1.8GB | 28% |

### Columns (7)

| | | |
|---|---|---|
| id | SERIAL | PK, NOT NULL |
| user_id | INTEGER | FK, NOT NULL |
| product_id | INTEGER | FK, NOT NULL |
| quantity | INTEGER | NOT NULL |
| total_price | DECIMAL(10,2) | NOT NULL |

# Database Administrator Portal

Petroleum Organization

2

Datab

Query executed successfully

```
-- Enter your SQL query here
SELECT * FROM users LIMIT 10;
```

prod_petroleum_db

Execute Query | Save Query | Share | Execution Plan

## Query Results

5 rows | 0.042s execution time

| id | email | name | role | created_at |
|---|---|---|---|---|
| 1 | admin@petromasr.com | Super Admin | superadmin | 2025-01-15 08:30:00 |
| 2 | john.doe@petromasr.com | John Doe | employee | 2025-03-20 14:22:10 |
| 3 | sarah.tech@petromasr.com | Sarah Tech | dba | 2025-05-12 09:15:33 |
| 4 | mike.ops@petromasr.com | Mike Operations | noc | 2025-06-08 11:45:22 |

# Database Administrator Portal

Petroleum Organization

2

Database Administrator
dba@petromasr.com

Logout

CPU Usage

**45%**

Average across all nodes

Memory Usage

**68%**

142GB / 256GB total

IOPS

**8,542**

82% of capacity

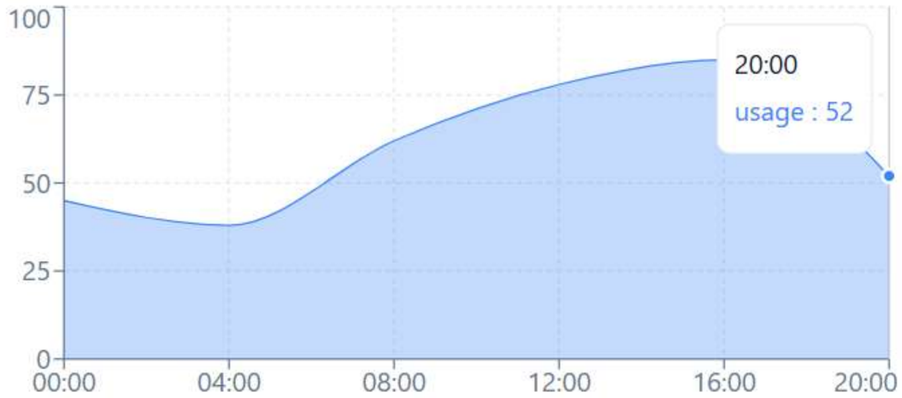
Query Load

**842/s**

+12% from average

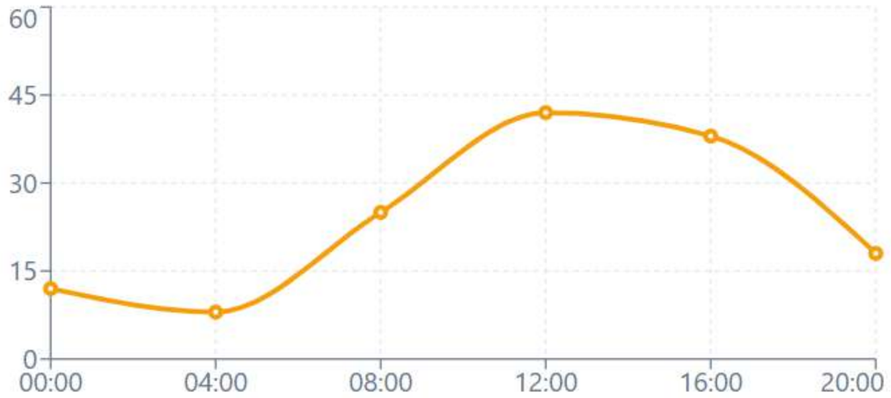
## CPU Usage Trend

Last 24 hours




## Query Latency

Average response time (ms)



# Database Administrator Portal

Petroleum Organization

2

Database Administrator
dba@petromasr.com

Logout

3 | 12 | 0.3s | Healthy

## Production Cluster

Master-Slave Topology • 3 replica nodes

healthy | Refresh

### Master Node — Primary

db-master-01.petromasr.com

Read/Write • Active • Last sync: 2 min ago

Healthy

### Replica Nodes (3)

**Replica 1**
db-slave-01.petromasr.com
Read Only • Lag: 0.3s

**Replica 2**
db-slave-02.petromasr.com
Read Only • Lag: 0.3s

**Replica 3**
db-slave-03.petromasr.com
Read Only • Lag: 0.3s

**Synchronization Status**
All replicas are in sync • Lag time: 0.3s

Synced

## Analytics Cluster

Master-Slave Topology • 2 replica nodes

healthy | Refresh

# Database Administrator Portal

Petroleum Organization

2

Database Administrator
dba@petromasr.com

Logout

| Total Databases | Active Connections | Query Load | Storage Usage |
|---|---|---|---|
| 47 | 1,247 | 842/s | 18.4TB |
| +3 this month | Real-time | +12% from avg | 73% capacity |

| Index Health | Last Backup | Replication Status | Active Alerts |
|---|---|---|---|
| 94% | 2h ago | Synced | 3 |
| Excellent | All successful | 12 nodes healthy | 2 critical |

Overview | Databases | Schemas | Query Console | Monitoring | Backup & Recovery | Users & Roles | Security | Replication | Maintenance

Medium Risk

### Rebuild Index

Rebuild fragmented indexes to improve query performance

Run Rebuild Index

Low Risk

### Vacuum / Reindex

Reclaim storage and optimize table structure

Run Vacuum / Reindex

Medium Risk

### Partition Maintenance

Manage table partitions and optimize distribution

Run Partition Maintenance

# Database Administrator Portal

Petroleum Organization

2 | Database Administrator
dba@petromasr.com | Logout

94%
Excellent

2h ago
All successful

Synced
12 nodes healthy

3
2 critical

Overview | Databases | Schemas | Query Console | Monitoring | Backup & Recovery | Users & Roles | Security | Replication | Maintenance

Medium Risk

## Rebuild Index

Rebuild fragmented indexes to improve query performance

Run Rebuild Index

Low Risk

## Vacuum / Reindex

Reclaim storage and optimize table structure

Run Vacuum / Reindex

Medium Risk

## Partition Maintenance

Manage table partitions and optimize distribution

Run Partition Maintenance

Low Risk

## Cleanup Old Logs

Remove outdated transaction and error logs

Run Cleanup Old Logs

High Risk

## Data Archival

Archive old data to secondary storage

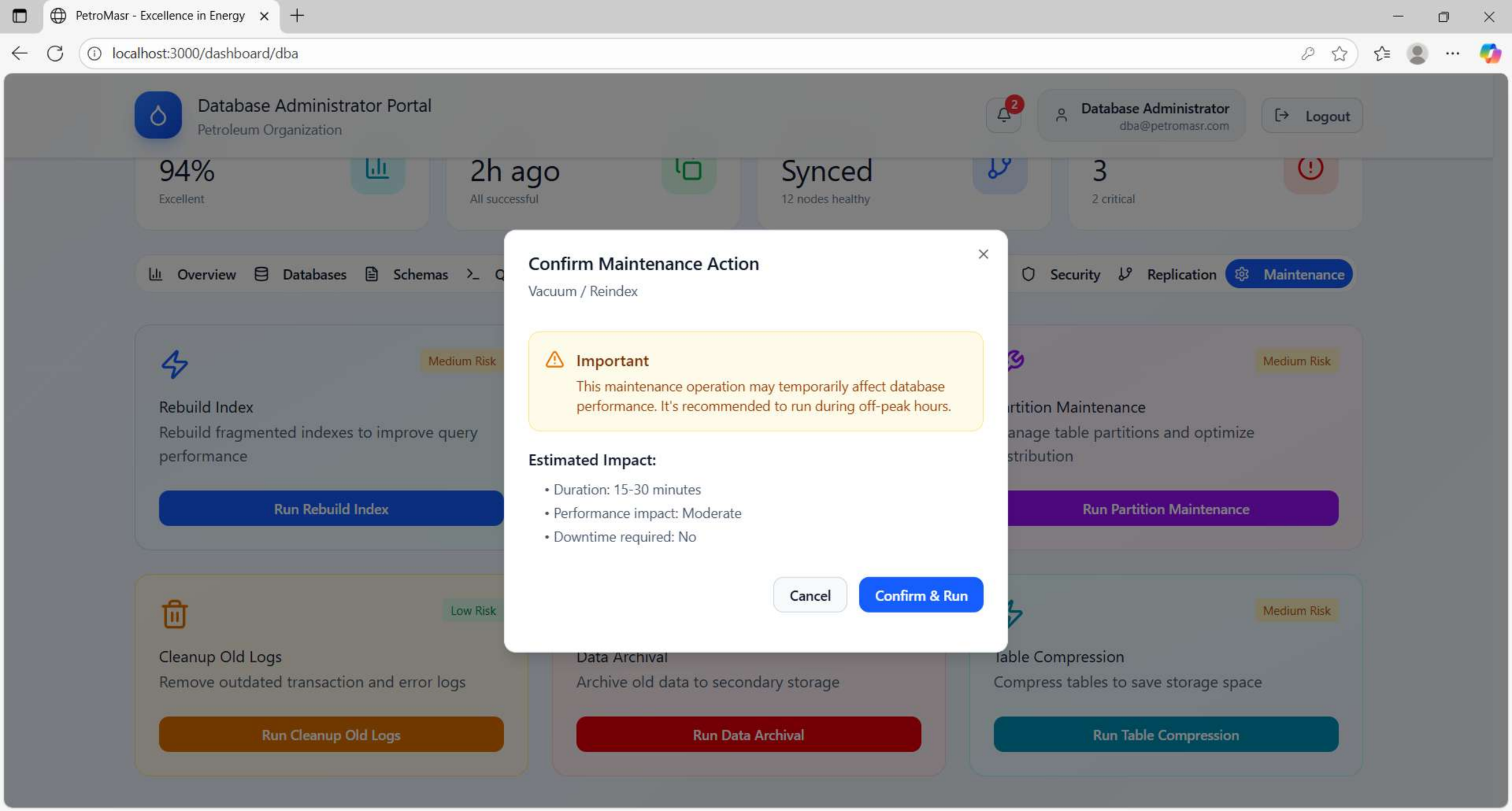
Run Data Archival

Medium Risk

## Table Compression

Compress tables to save storage space

Run Table Compression


PetroMasr - Excellence in Energy
localhost:3000/dashboard/dba
Database Administrator Portal
Petroleum Organization
2
Database Administrator
dba@petromasr.com
Logout
94%
Excellent
2h ago
All successful
Synced
12 nodes healthy
3
2 critical
Overview
Databases
Schemas
Security
Replication
Maintenance
Medium Risk
Rebuild Index
Rebuild fragmented indexes to improve query performance
Run Rebuild Index
Medium Risk
rtition Maintenance
anage table partitions and optimize
stribution
Run Partition Maintenance
Low Risk
Cleanup Old Logs
Remove outdated transaction and error logs
Run Cleanup Old Logs
Data Archival
Archive old data to secondary storage
Run Data Archival
Medium Risk
Table Compression
Compress tables to save storage space
Run Table Compression
Confirm Maintenance Action
Vacuum / Reindex
Important
This maintenance operation may temporarily affect database performance. It's recommended to run during off-peak hours.
Estimated Impact:
• Duration: 15-30 minutes
• Performance impact: Moderate
• Downtime required: No
Cancel
Confirm & Run

# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

| | | | |
|---|---|---|---|
| Total Revenue<br>$8.4M<br>+12.5% from last month | Monthly Expenses<br>$3.2M<br>+5.2% from last month | Net Profit<br>$5.2M<br>Margin: 61.9% | Payroll This Month<br>$842K<br>342 employees |
| Active Contracts<br>47<br>12 expiring soon | Sponsorships<br>$1.8M<br>18 active sponsors | Pending Invoices<br>28<br>Total: $456K | Outstanding Payments<br>$234K<br>15 overdue |

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

## Quick Actions

Common financial operations

Process Payroll

Create Invoice

View Reports

## Alerts

Important notifications

15 payments are overdue
Review Now →

12 contracts expiring within 30 days
View Contracts →

# Financial Department Portal

Petroleum Organization

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| Total Expenses | Pending Requests | High Spending | Avg Per Day |
|---|---|---|---|
| $1.7M | 1 | 2 | $106K |

## Expense Requests

Track and manage all organizational expenses

Export | Add Expense

| ID | Description | Category | Amount | Date | Requested By | Status | Actions |
|---|---|---|---|---|---|---|---|
| EXP-001 | Equipment maintenance and repairs | Equipment | $450,000 | 2025-11-14 | Operations Team | Paid | |
| EXP-002 | Fleet fuel and maintenance | Fleet | $285,000 | 2025-11-13 | Logistics Dept | Paid | |
| EXP-003 | IT infrastructure upgrades | Technology | $125,000 | 2025-11-12 | IT Department | Approved | |
| EXP-004 | Monthly payroll | HR | $842,000 | 2025-11-10 | HR Department | Paid | |
| EXP-005 | Office supplies and materials | Operations | $35,000 | 2025-11-08 | Admin Team | Pending | Approve |

## Expense by Category

# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| Total Sponsorships | Active Sponsors | Pending Approval | Total Value |
|---|---|---|---|
| 5 | 3 | 1 | $1.6M |

## Sponsorship Management

Track and manage all sponsorship agreements

Export | + Add Sponsor

| ID | Sponsor | Type | Value | Schedule | Period | Last Payment | Status | Actions |
|---|---|---|---|---|---|---|---|---|
| SPO-001 | ACME Corporation | Platinum | $500,000 | Quarterly | 2024-01-01 to 2026-01-01 | 2025-10-15 | Active | |
| SPO-002 | Global Tech Industries | Gold | $350,000 | Semi-Annual | 2024-06-01 to 2025-12-31 | 2025-10-01 | Active | |
| SPO-003 | Mega Finance Group | Silver | $200,000 | Annual | 2024-03-01 to 2025-12-31 | 2025-03-01 | Active | |
| SPO-004 | Premier Solutions LLC | Gold | $400,000 | Quarterly | 2025-01-01 to 2026-12-31 | - | Pending | |
| SPO-005 | Innovation Partners | Silver | $150,000 | Annual | 2023-06-01 to 2025-06-01 | 2024-06-01 | Completed | |

# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| Total Invoices | Total Amount | Pending | Overdue |
|---|---|---|---|
| 5 | $3.4M | $325K | 1 |

Invoices | Receipts

## Invoices

Manage and track all client invoices

+ Create Invoice

| Invoice ID | Client | Description | Amount | Issue Date | Due Date | Status | Actions |
|---|---|---|---|---|---|---|---|
| INV-001 | Global Petroleum Ltd | Fuel supply - October 2025 | $2,500,000 | 2025-10-01 | 2025-10-31 | Paid | |
| INV-002 | ACME Industries | Equipment maintenance services | $450,000 | 2025-10-15 | 2025-11-15 | Paid | |
| INV-003 | TechCorp Solutions | IT consulting services | $125,000 | 2025-11-01 | 2025-11-30 | Pending | |
| INV-004 | Premier Logistics | Transportation and delivery | $85,000 | 2025-09-15 | 2025-10-15 | Overdue | |
| INV-005 | Mega Finance Group | Financial advisory | $200,000 | 2025-11-05 | 2025-12-05 | Pending | |

# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| | | | |
|---|---|---|---|
| Vouchers 45 | Payment Orders 32 | Contracts 28 | Sponsorships 18 |
| Payroll 12 | Reports 24 | Accounting 36 | Receipts 89 |

## Document Repository

All financial documents, records, and files

Upload Document

Search documents...

Clear Filters

| ID | Document Name | Category | Type | Upload Date | Size | Version | Actions |
|---|---|---|---|---|---|---|---|
| DOC-001 | Monthly Accounting Sheet - Oct 2025 | Accounting | PDF | 2025-10-31 | 2.4 MB | v1 | |
| DOC-002 | Payroll Records - Nov 2025 | Payroll | XLSX | 2025-11-15 | 1.8 MB | v1 | |
| DOC-003 | Contract - ACME Corporation | Contracts | PDF | 2025-09-15 | 856 KB | v2 | |

# Financial Department Portal

Petroleum Organization

2

Finance Manager
financemgr@petromasr.com

Logout

Overview | Payroll | Contracts | Revenue | Expenses | Sponsorships | Invoices | Documents | Reports | Audit

| Reports Generated | This Month | Categories |
|---|---|---|
| 156 | 24 | 8 |

## Financial Statements

Core financial reports and statements

### Balance Sheet

Complete financial position statement

As of November 2025

Download

### Income Statement (P&L)

Profit and loss statement

November 2025

Download

### Cash Flow Statement

Cash inflows and outflows

November 2025

Download

## Operational Reports