DreamSoft

https://www.dreamsoftindia.com

Welcome To

Presentation & Demo

Of

https://www.zelenkareports.in

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https://www.dreamsoftindia.com

zelenka®
Alarm Management

Industrial Critical Alarm Management by SMS and Email

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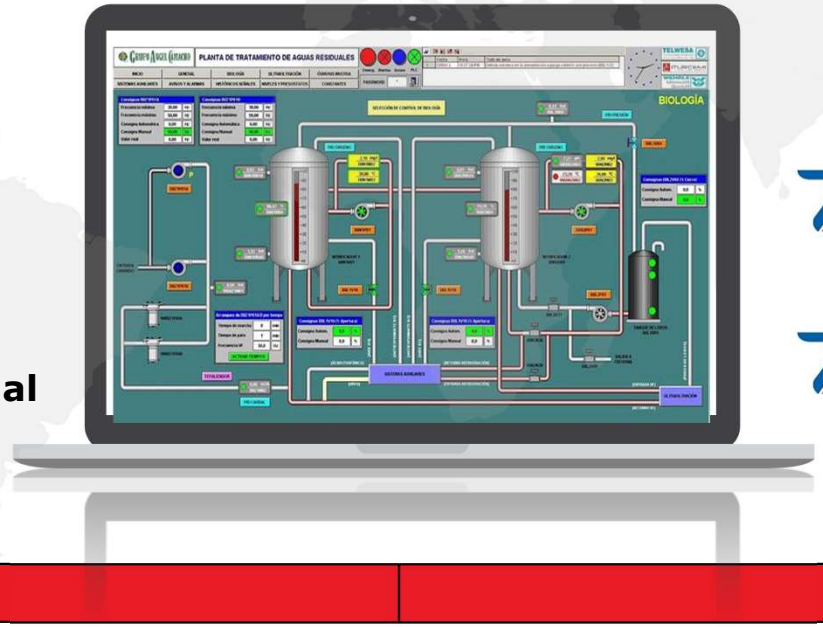
Features of Application

- **Email Alert** Based on Alarm Condition
- **SMS Alert Using GSM Modem or Web API** Based on Alarm Condition
- **Supports Different Sources** for Alarm Interface
- **Scheduled** SMS / Email
- **Alarm** Analysis & Audit Trial
- **Easy to Install**
- **Light Application** with SQLite DB



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In Built Backend Data Engines – Pre Connected

MS SQL Database

Emerson's eJournal Database

OPC UA, OPC DA & OPC AE

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Successfully Implemented in Various Industries

Pharmaceutical & Biotech

Process Automation

Life Science

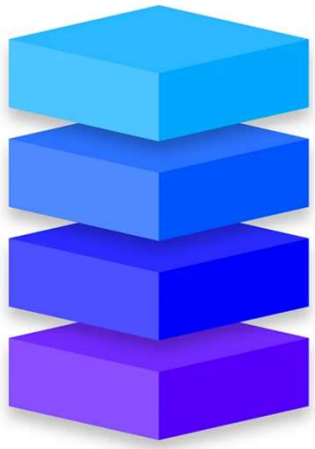
Manufacturing

BAS / BMS

Transport - Metro

Add on Custom Layer Possibility ; SQLite For Config Database

- Report Application Scalable for Future Enhancement ; **Add on of Customized Layer** is possible as per Client Requirements



Custom Layer Add On

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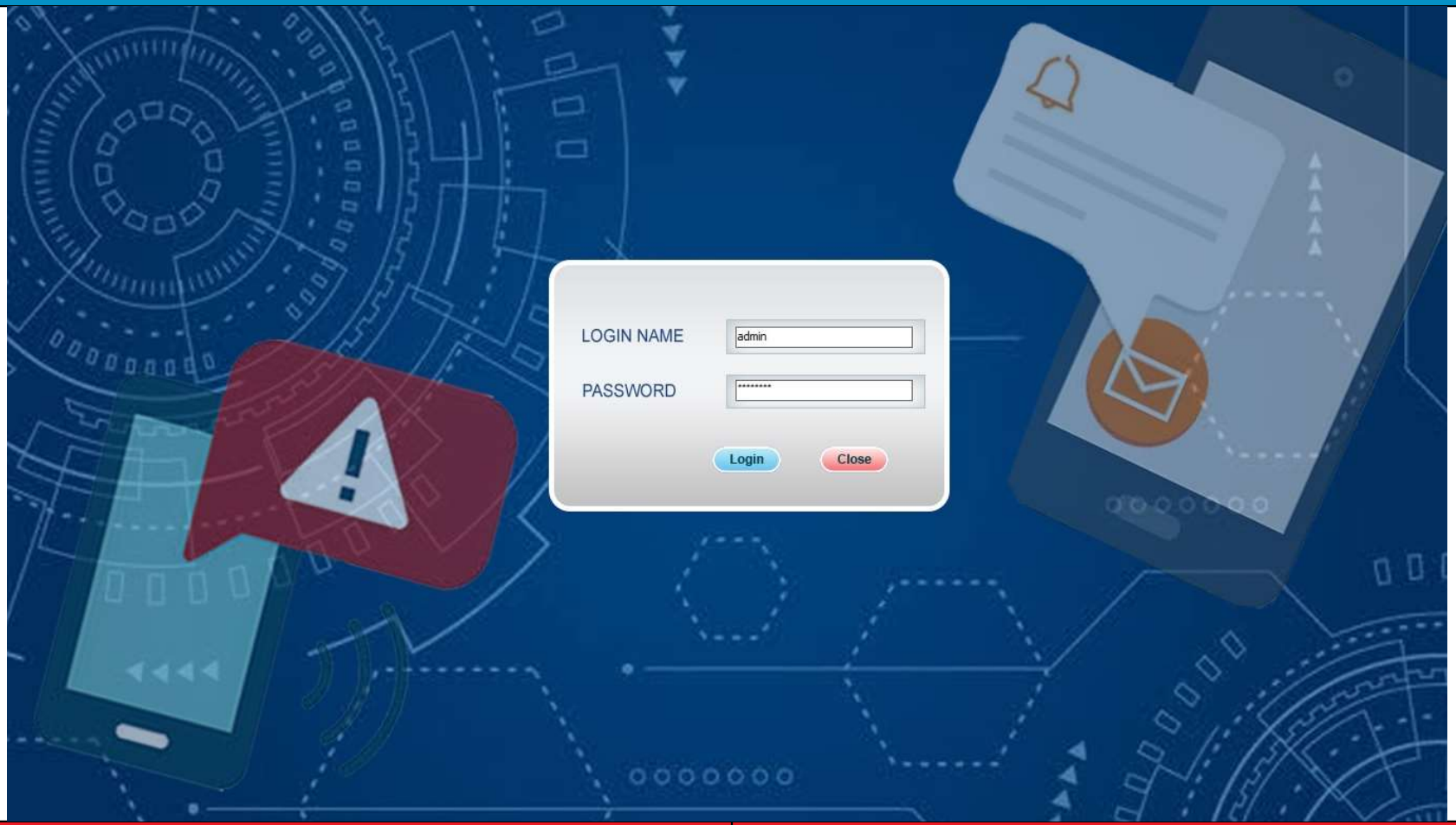
Presentation of Application With Screens



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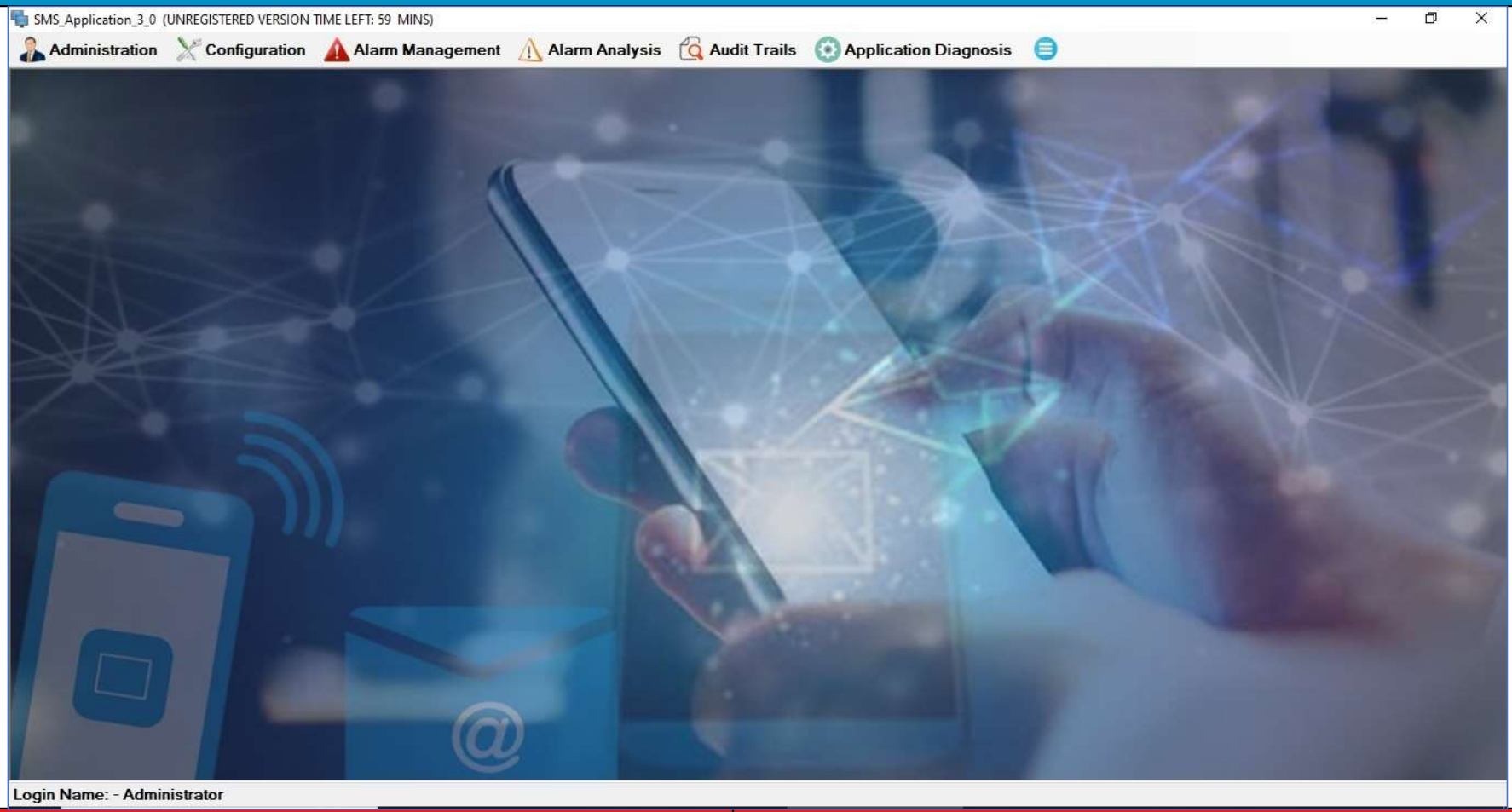
Home Screen



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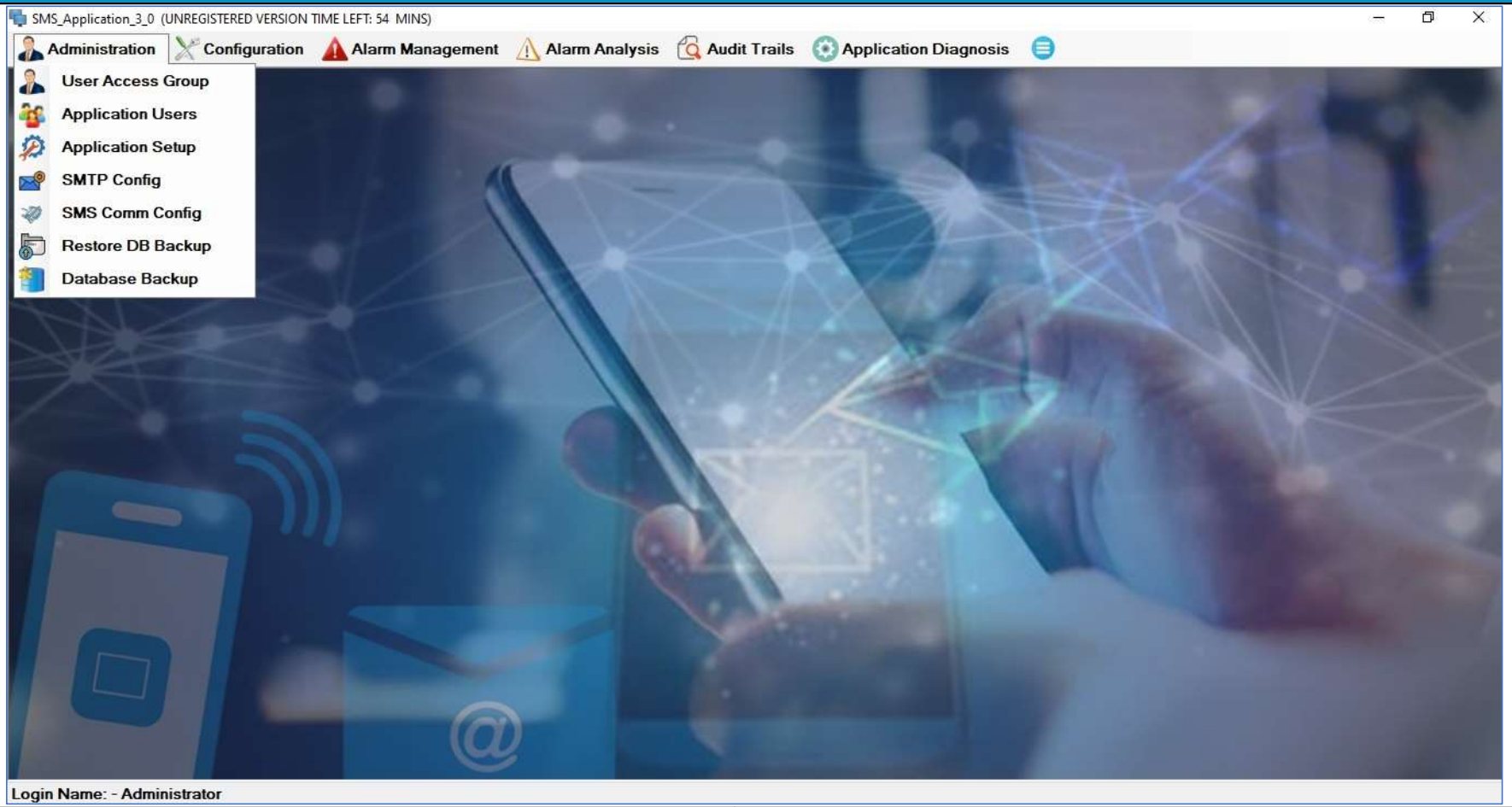
Administration Menu



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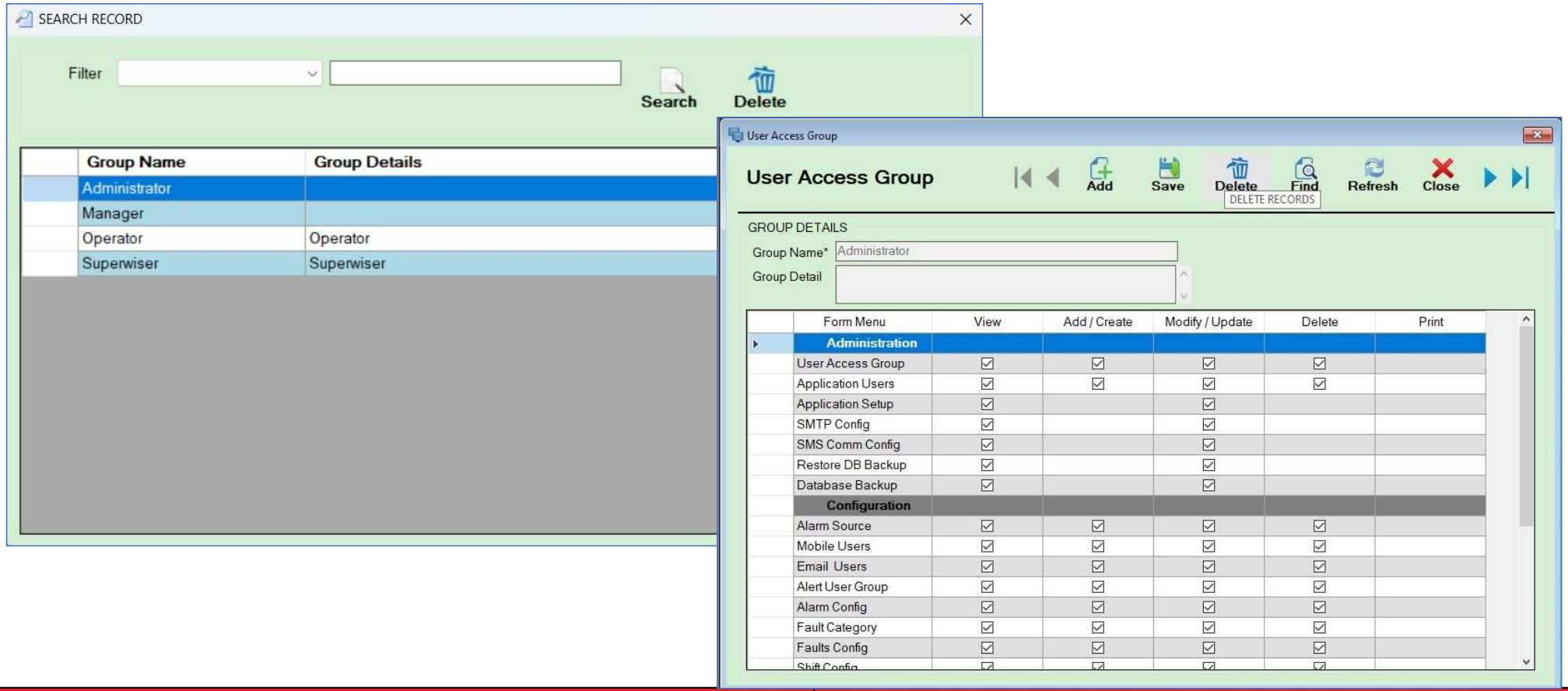
Administration Menu > User Access Group



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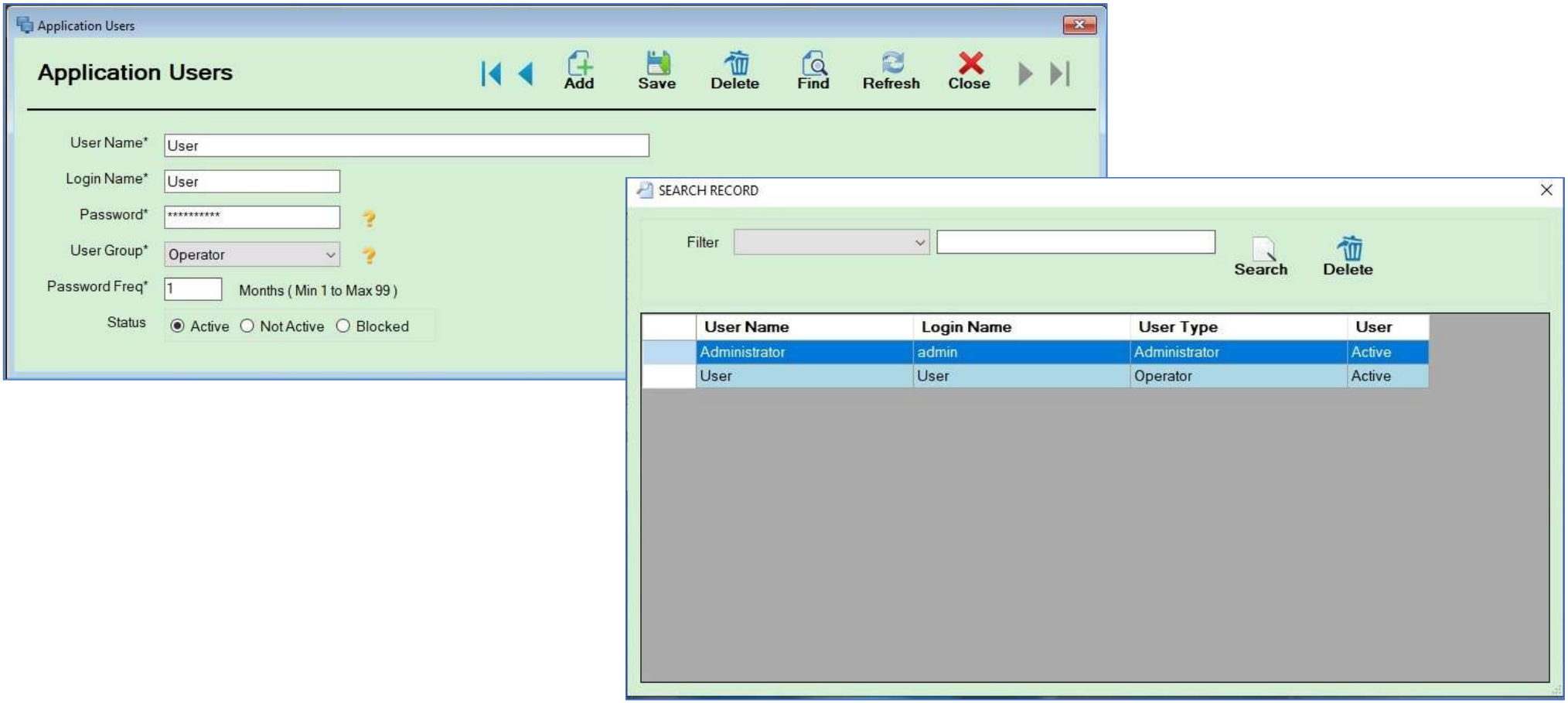
Administration Menu > Application Users



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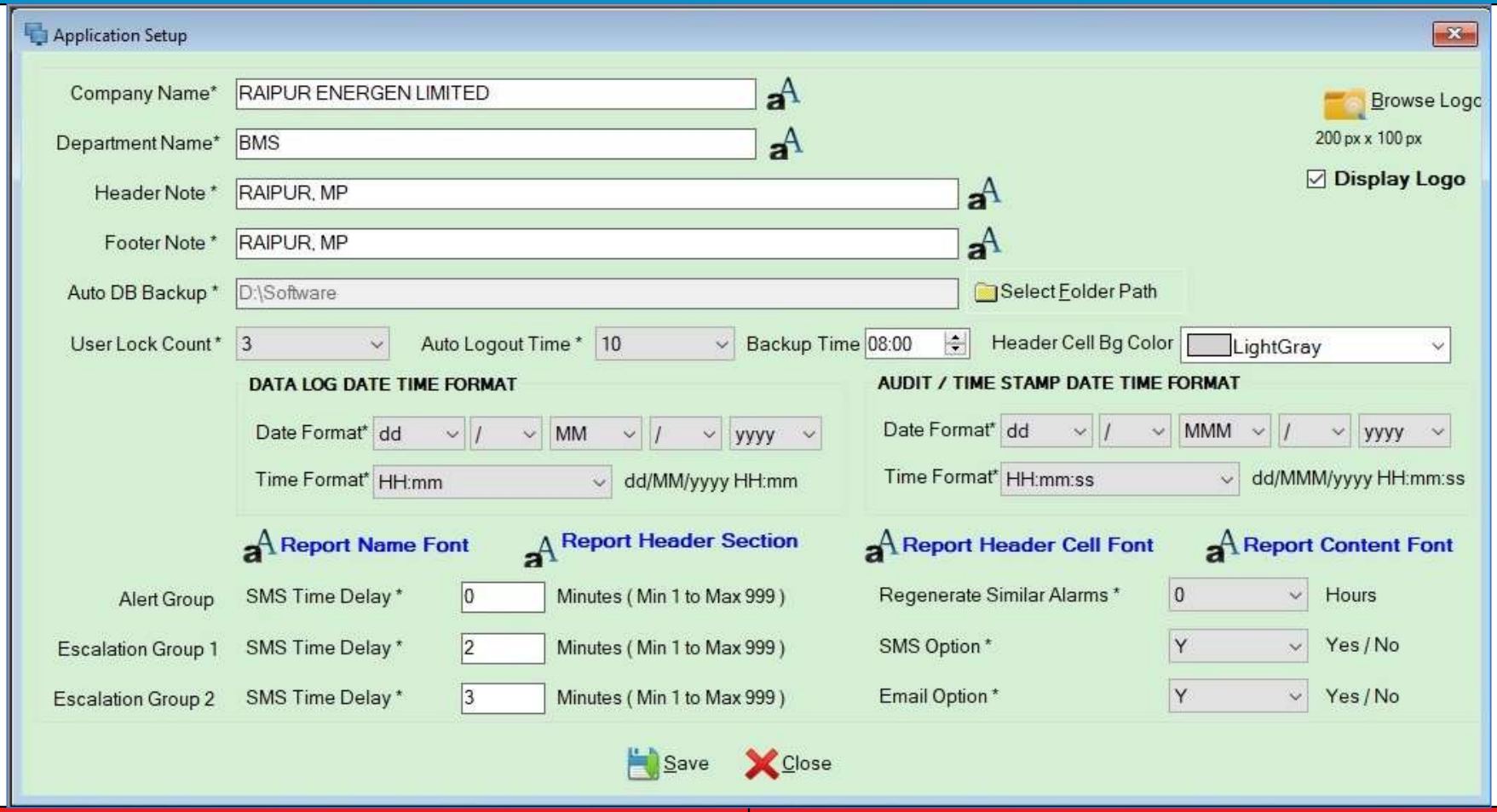
Administration Menu > Application Setup



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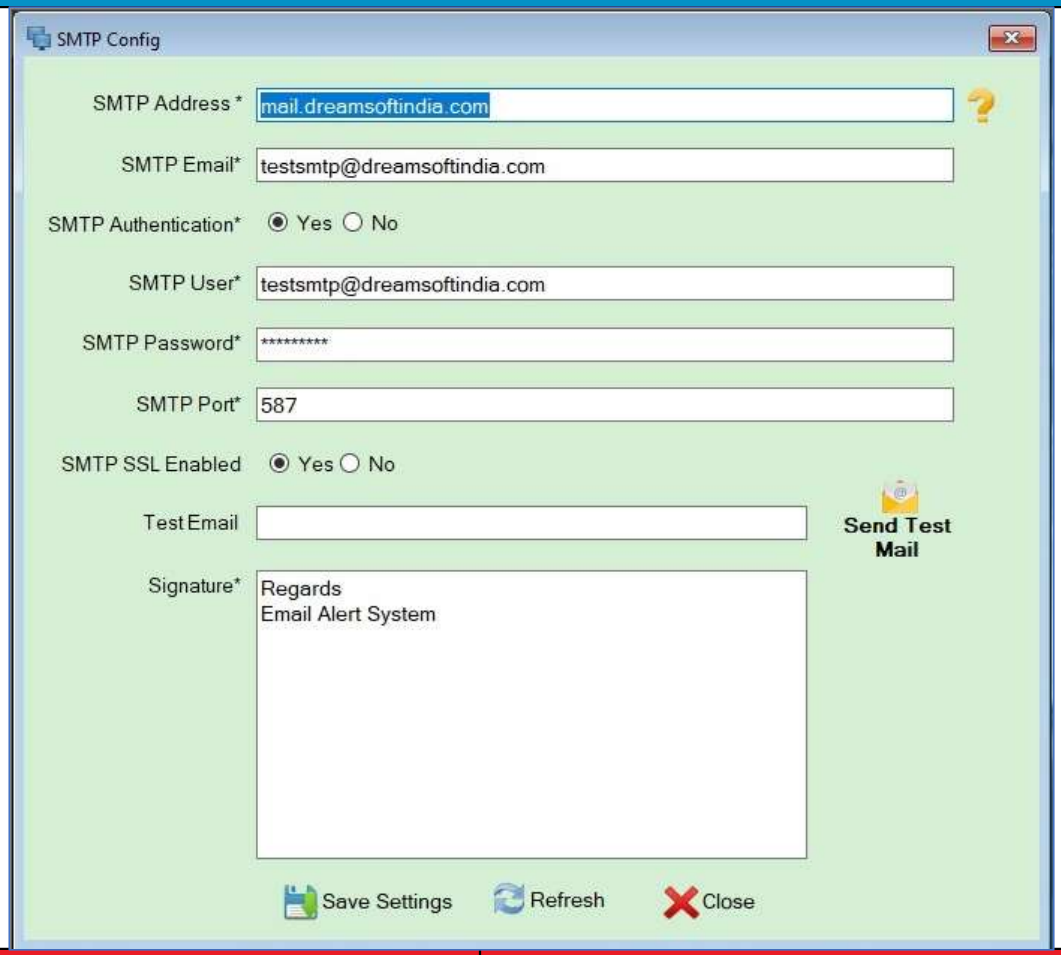
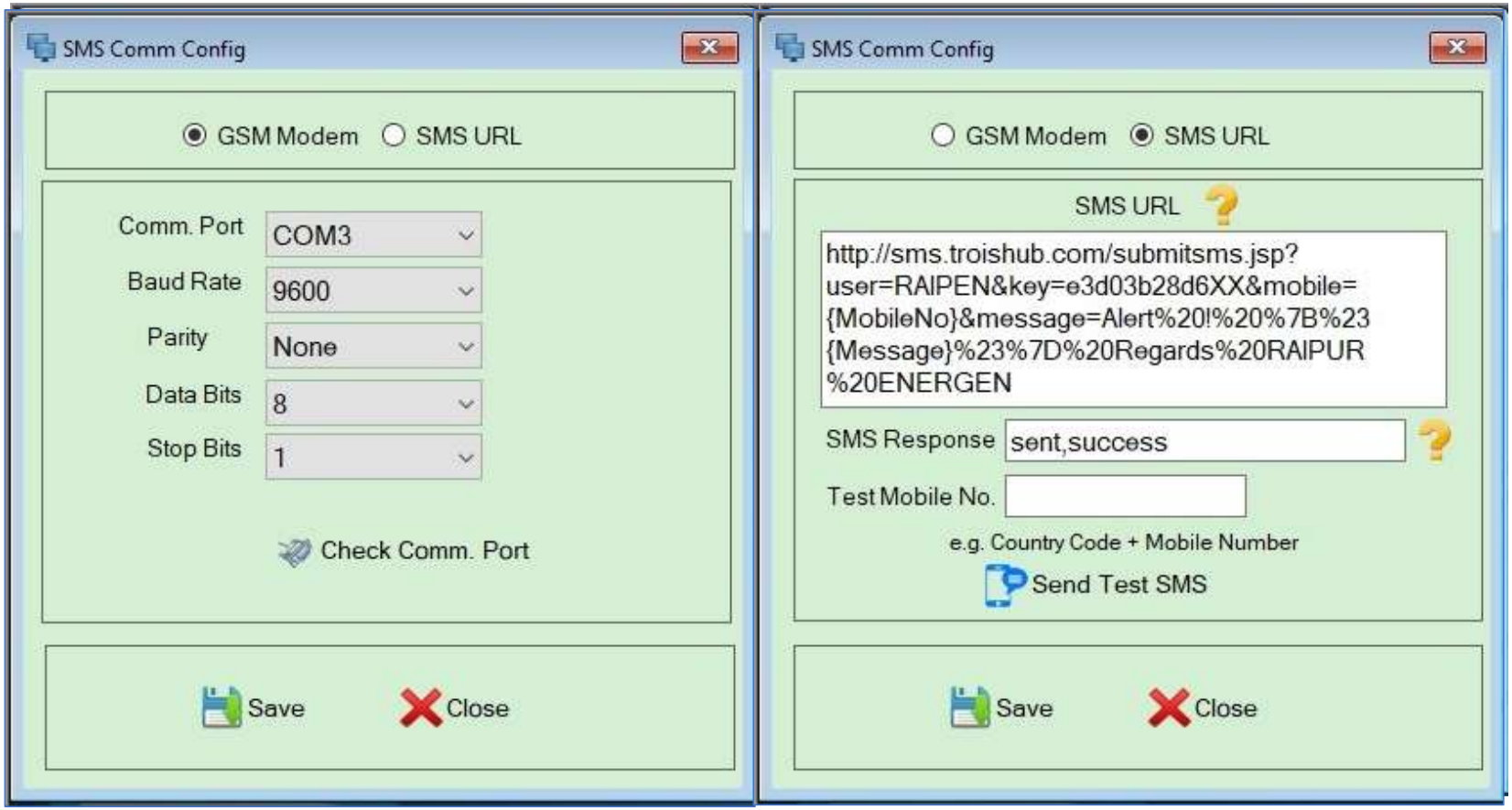
Administration Menu > SMTP Config



Administration Menu > SMS Comm Config



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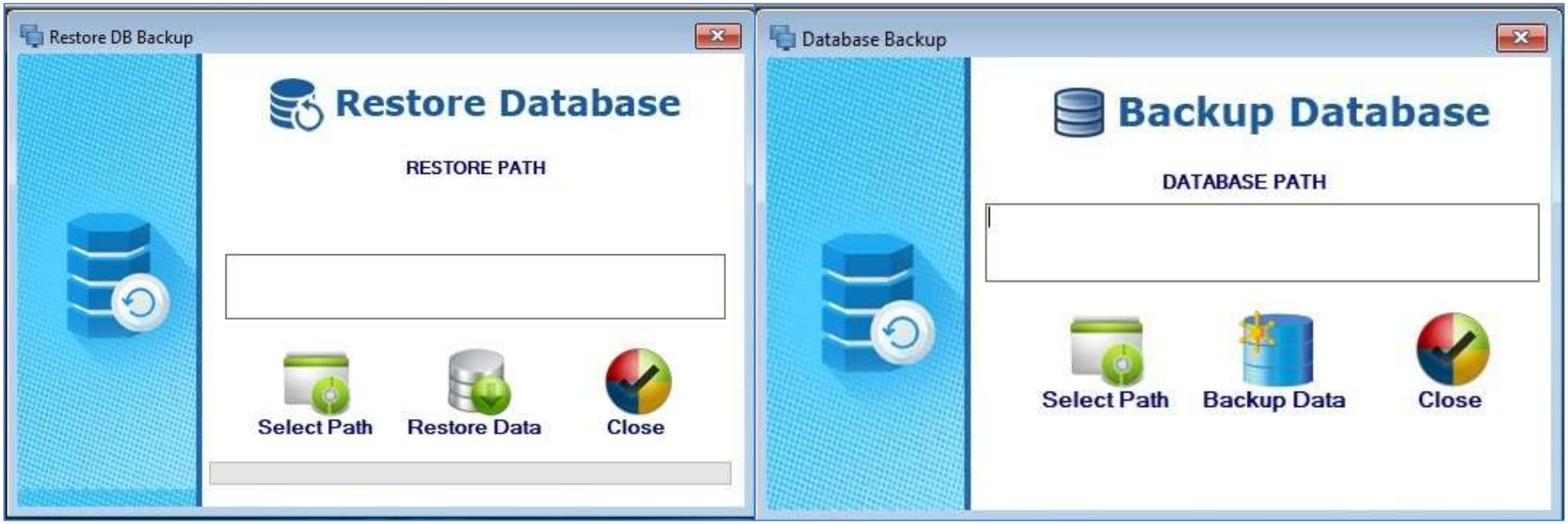
Administration Menu > Database Restore and Backup



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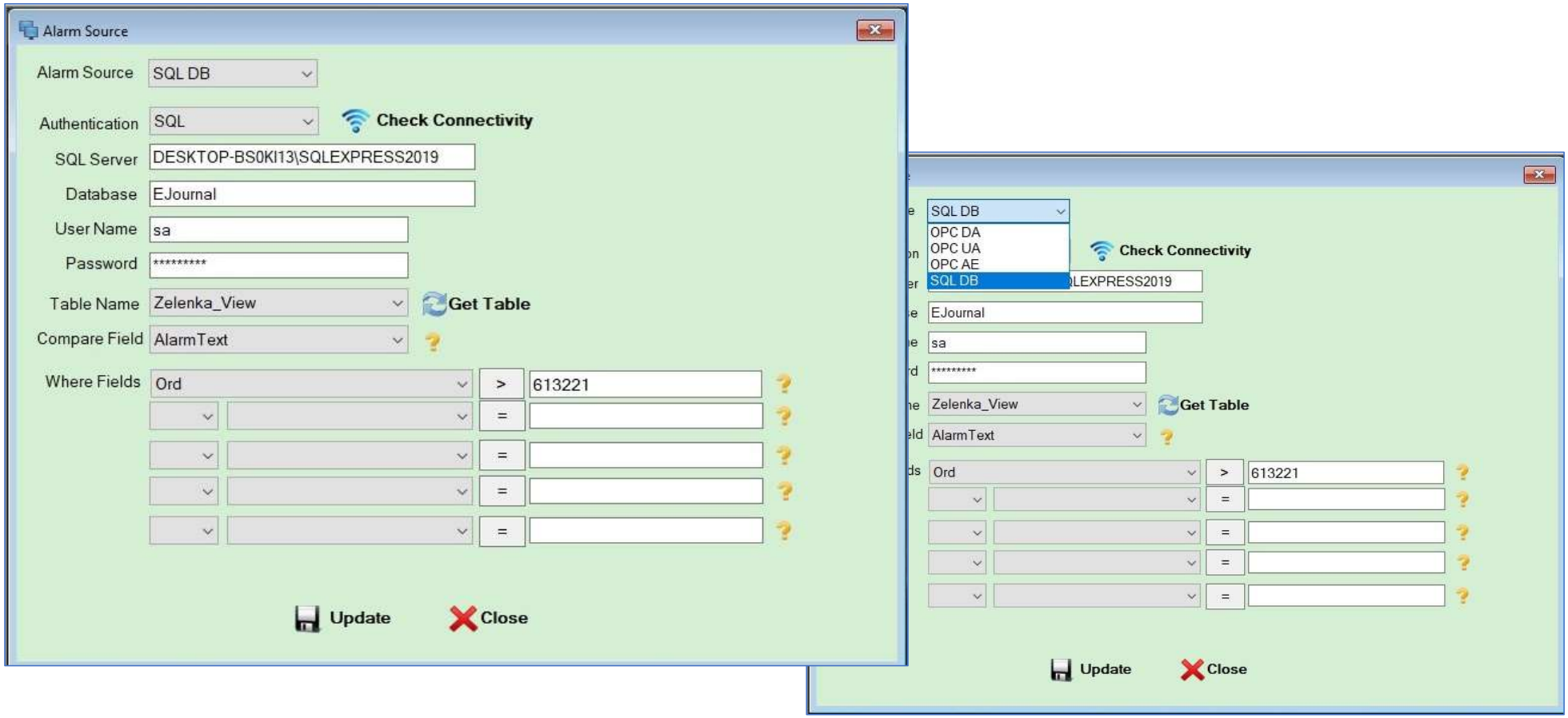
Configuration > Alarm Source



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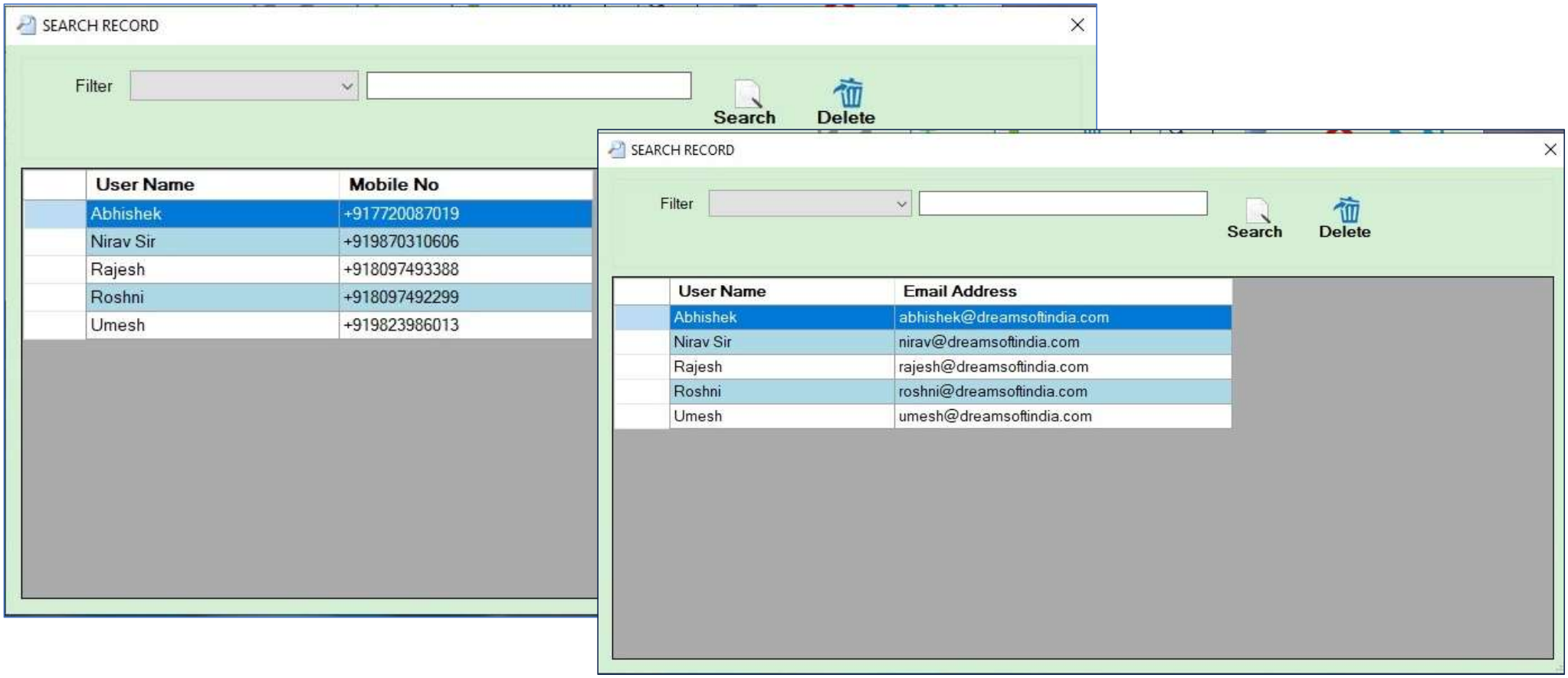
Configuration > Mobile Users & Email Users



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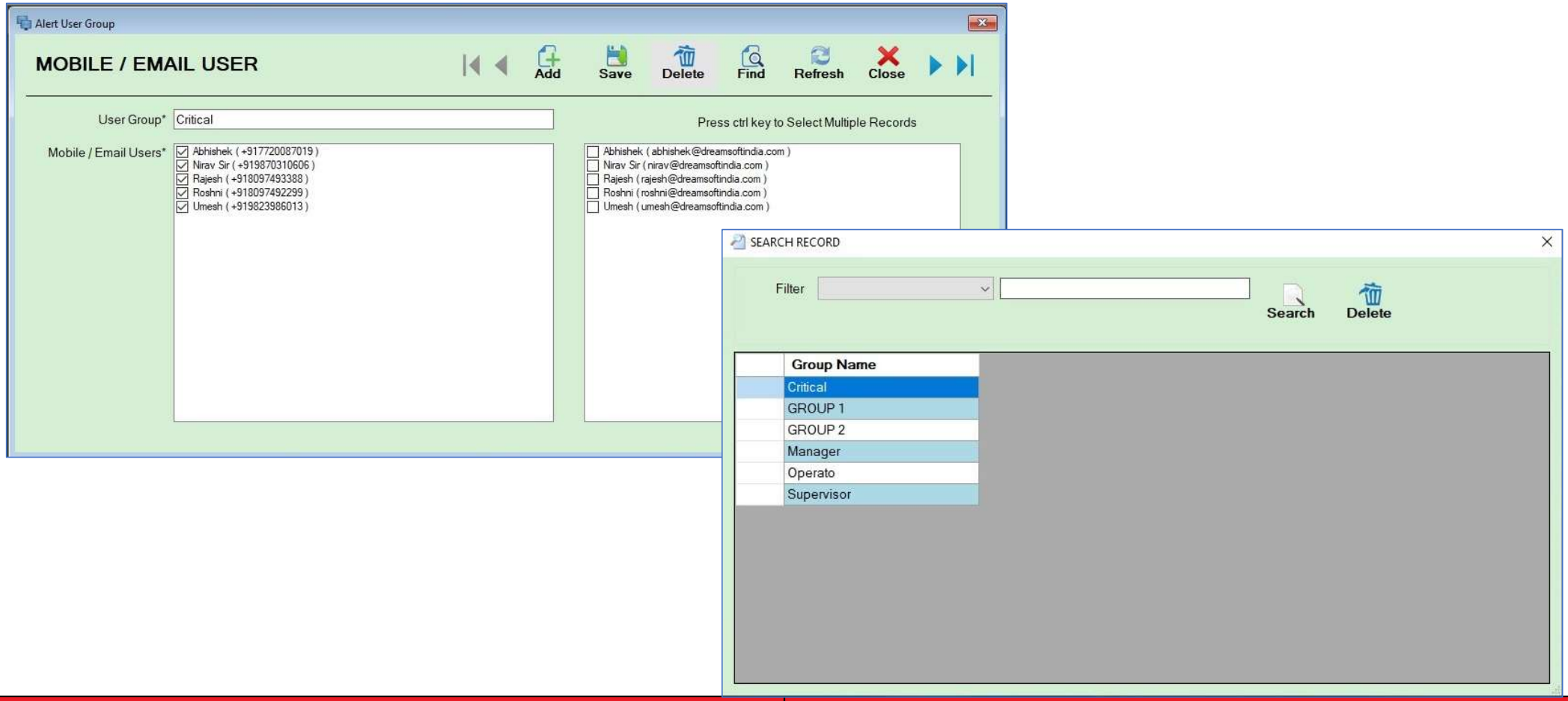
Configuration > Alert User Groups



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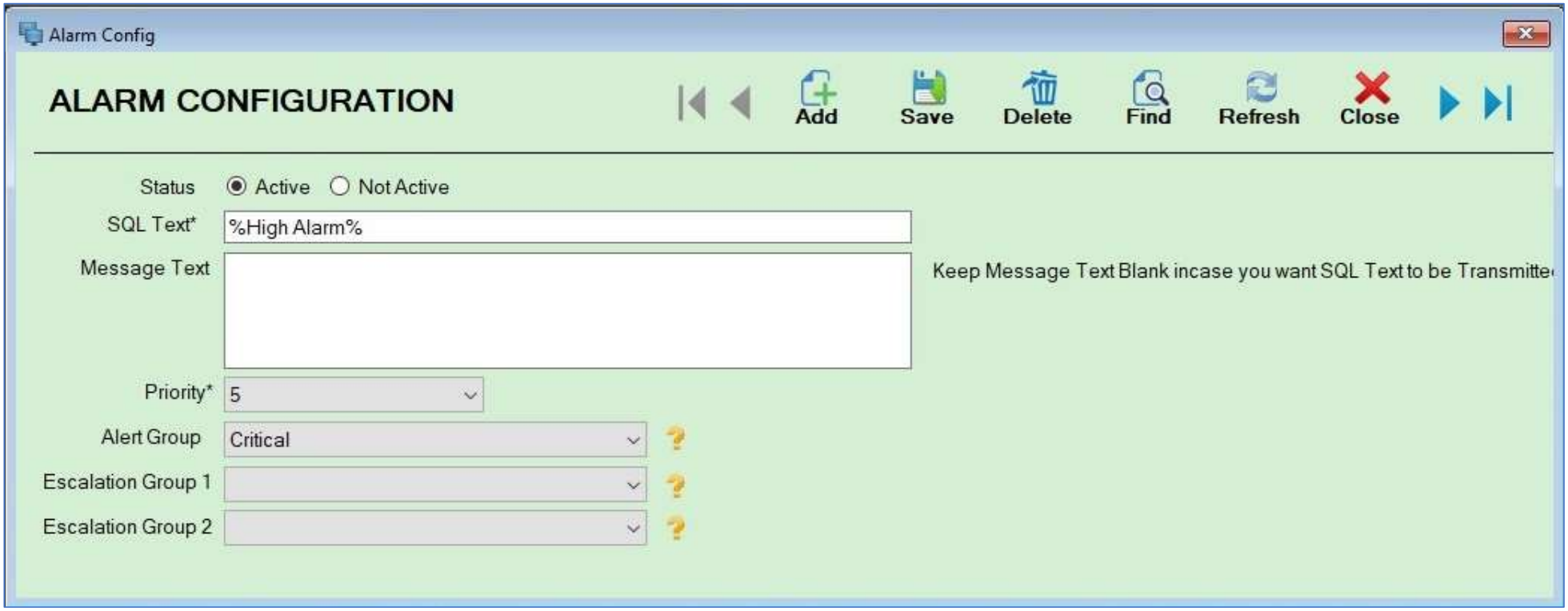
Configuration > Alarm Config



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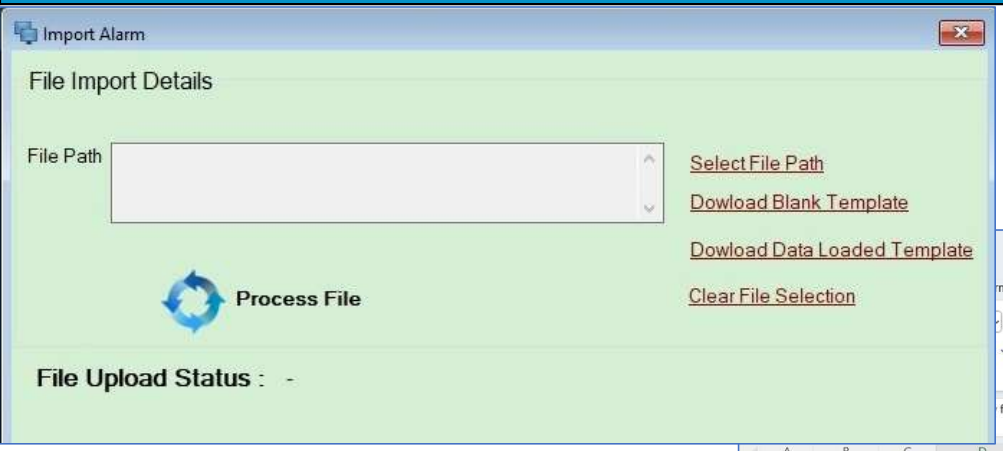
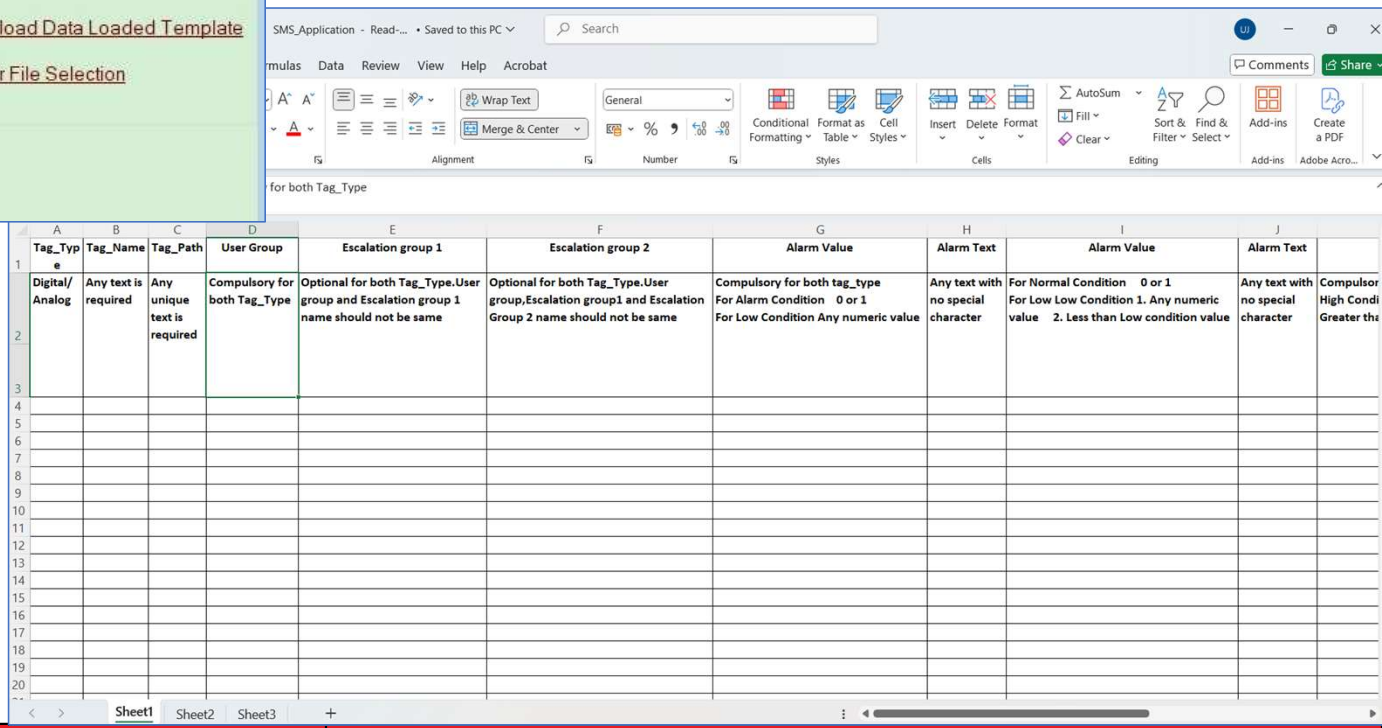
Configuration > Import Alarms via Excel





	A	B	C	D	E	F	G	H	I	J
1	Tag_Type	Tag_Name	Tag_Path	User Group	Escalation group 1	Escalation group 2	Alarm Value	Alarm Text	Alarm Value	Alarm Text
2	Digital/ Analog	Any text is required	Any unique text is required	Compulsory for both Tag_Type	Optional for both Tag_Type.User group and Escalation group 1 name should not be same	Optional for both Tag_Type.User group,Escalation group1 and Escalation Group 2 name should not be same	Compulsory for both tag_type For Alarm Condition 0 or 1 For Low Condition Any numeric value	Any text with no special character	For Normal Condition 0 or 1 For Low Low Condition 1. Any numeric value 2. Less than Low condition value	Any text with no special character
3										
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Sheet1 Sheet2 Sheet3

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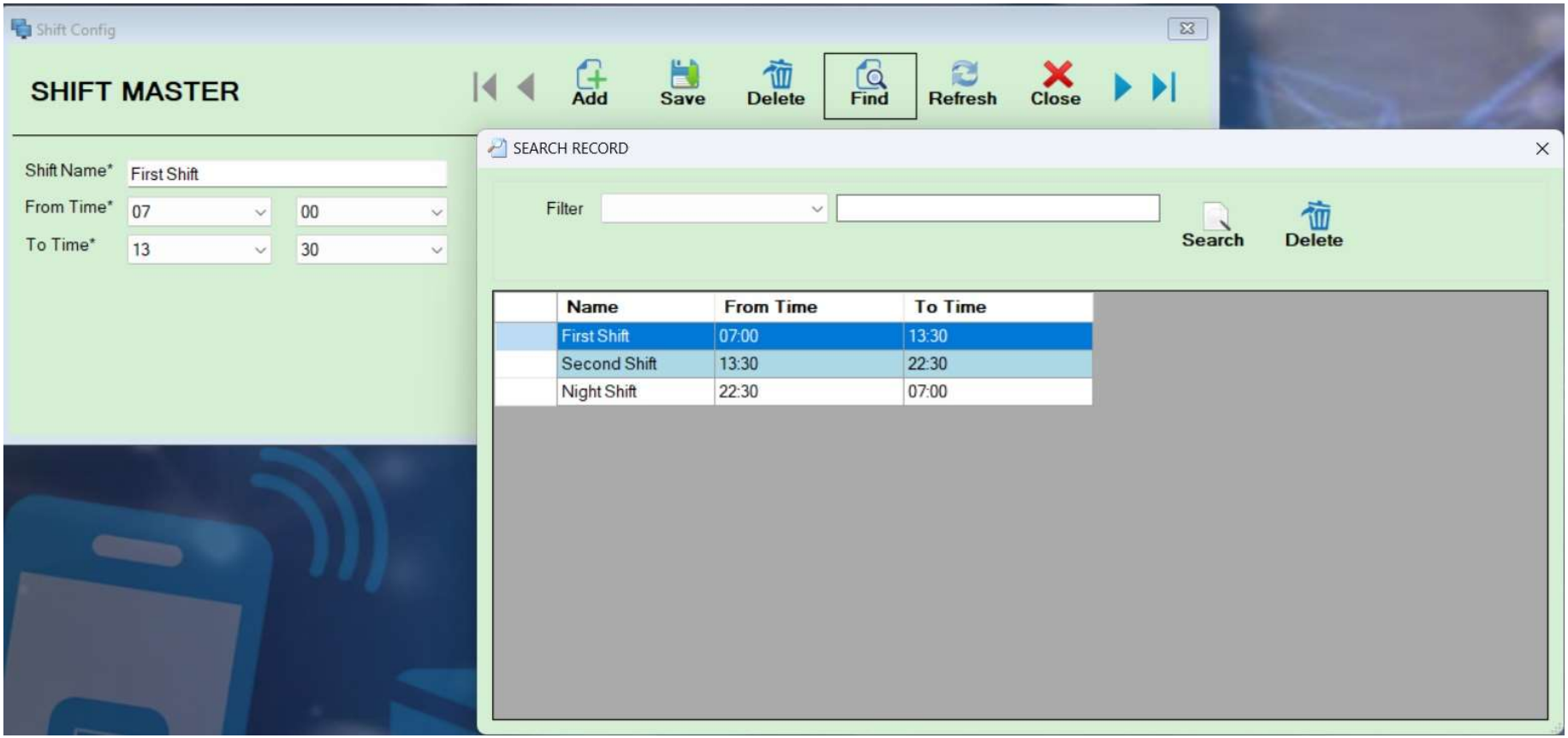
Configuration > Shift Configuration



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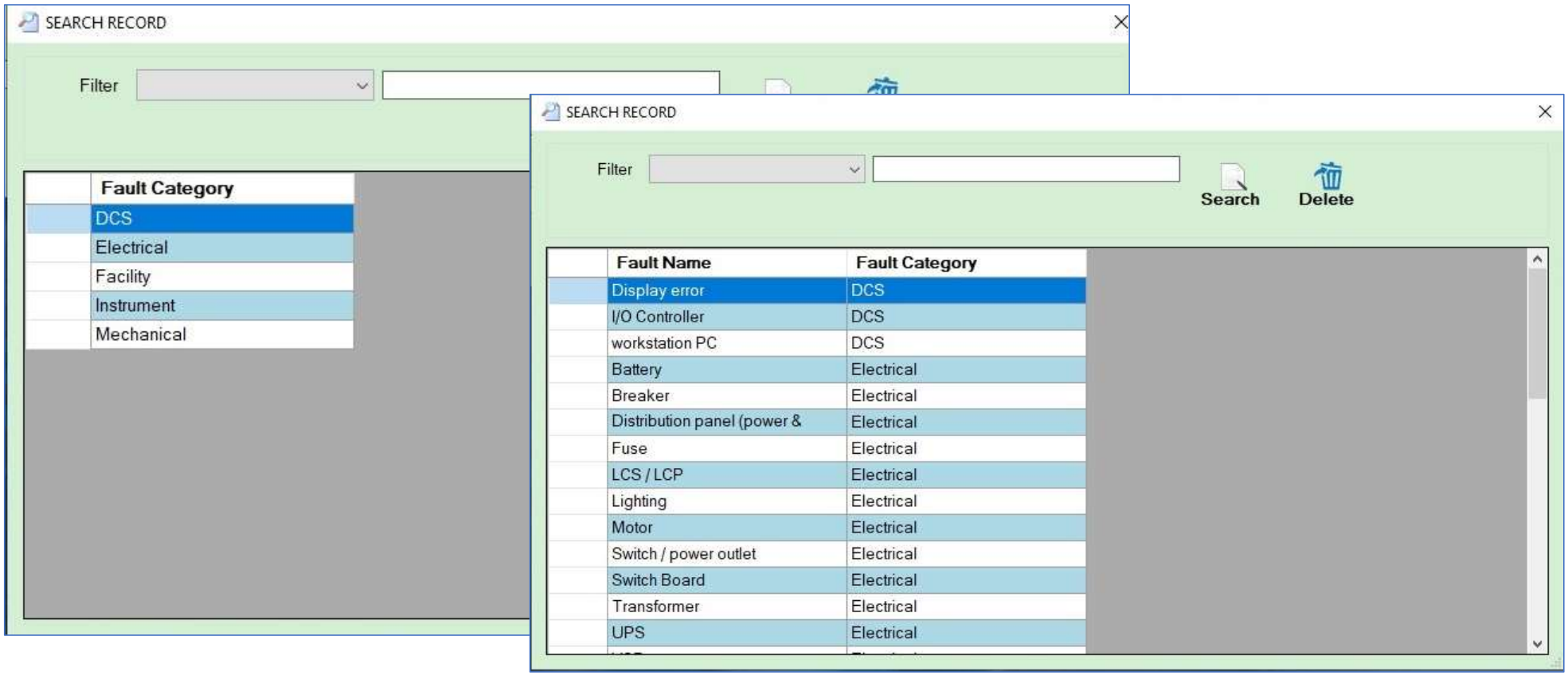
Configuration > Fault Category & Fault Config



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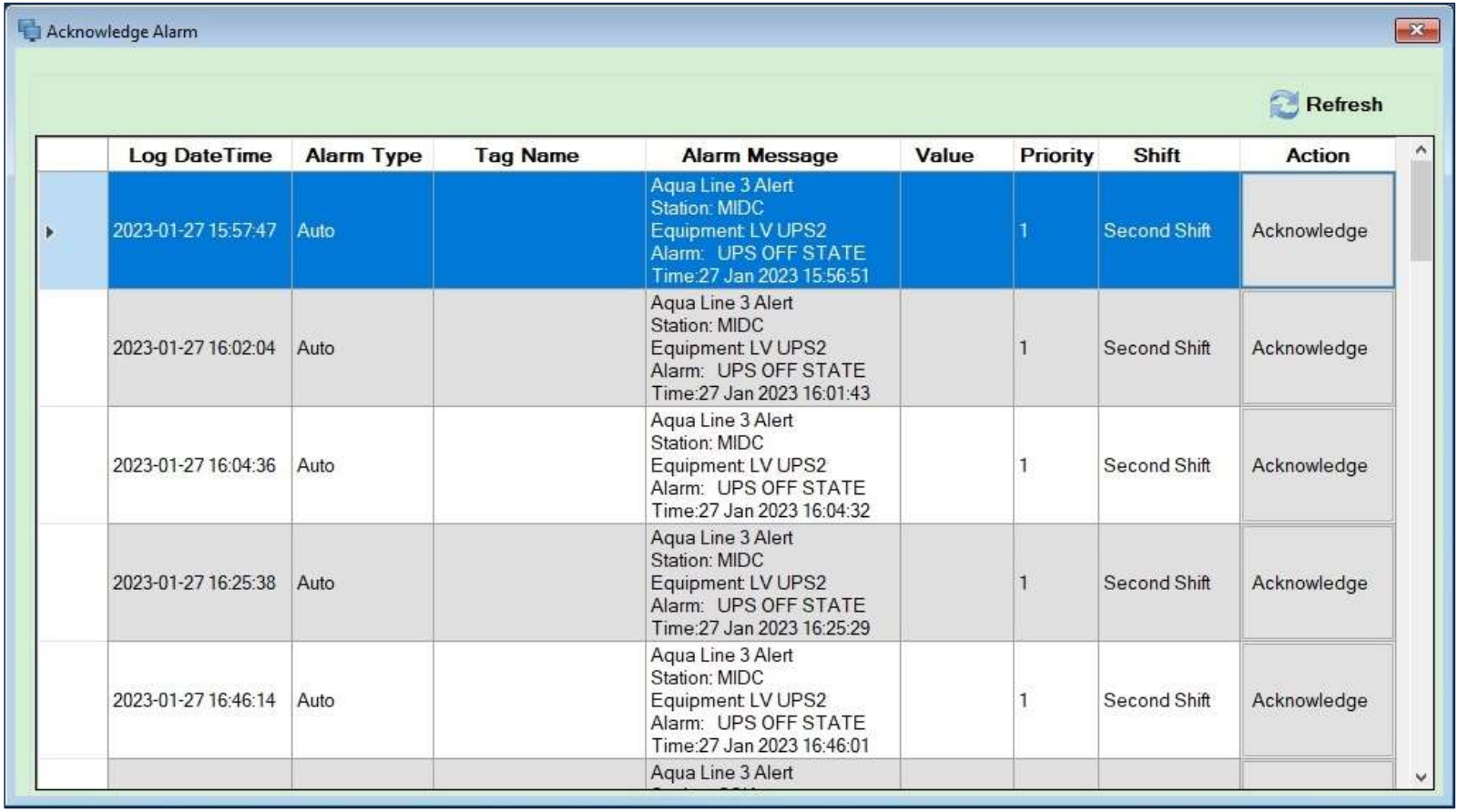
Configuration > Alarm Management > Acknowledge Alarm



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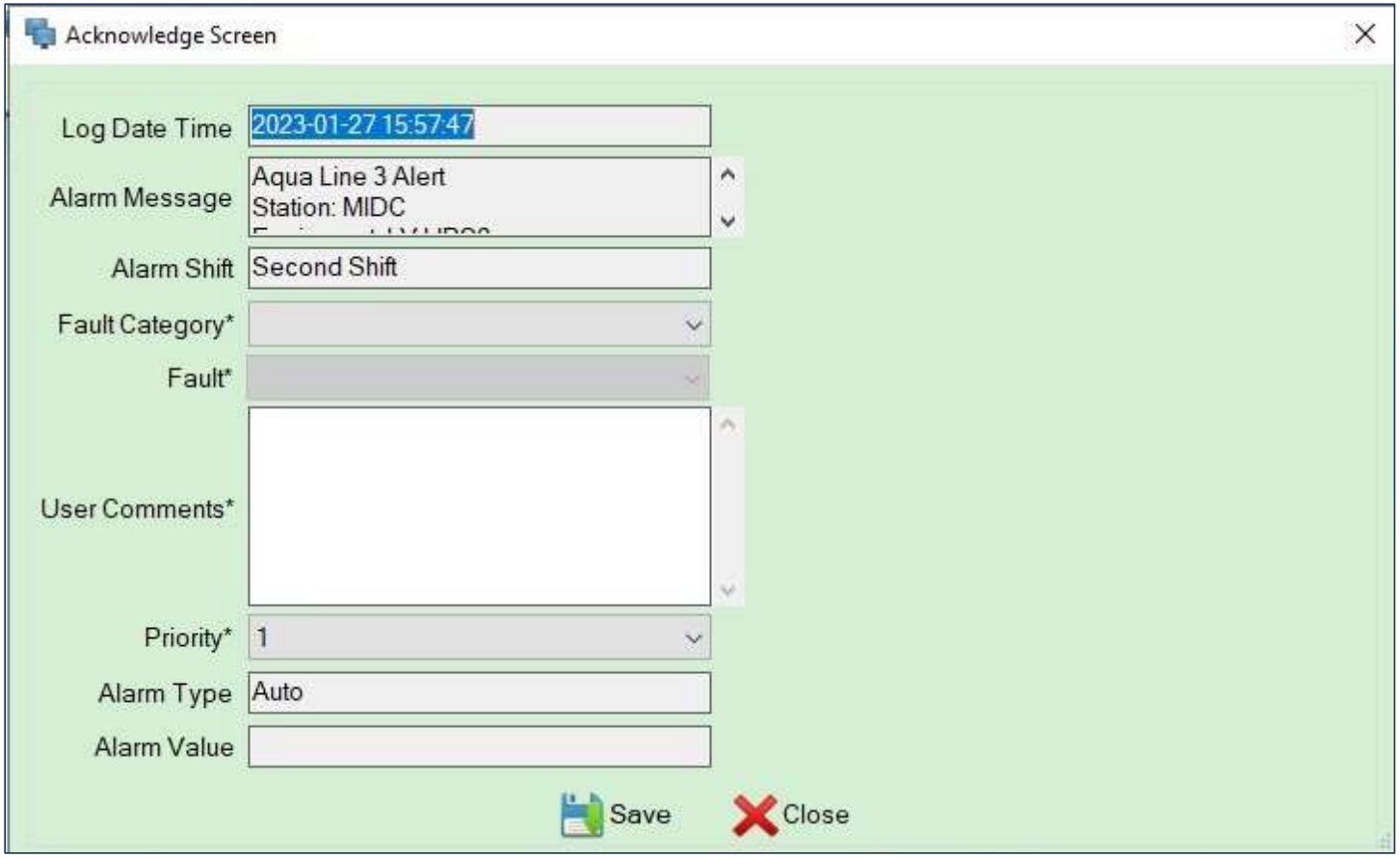
Configuration > Alarm Management > Acknowledgement Screen



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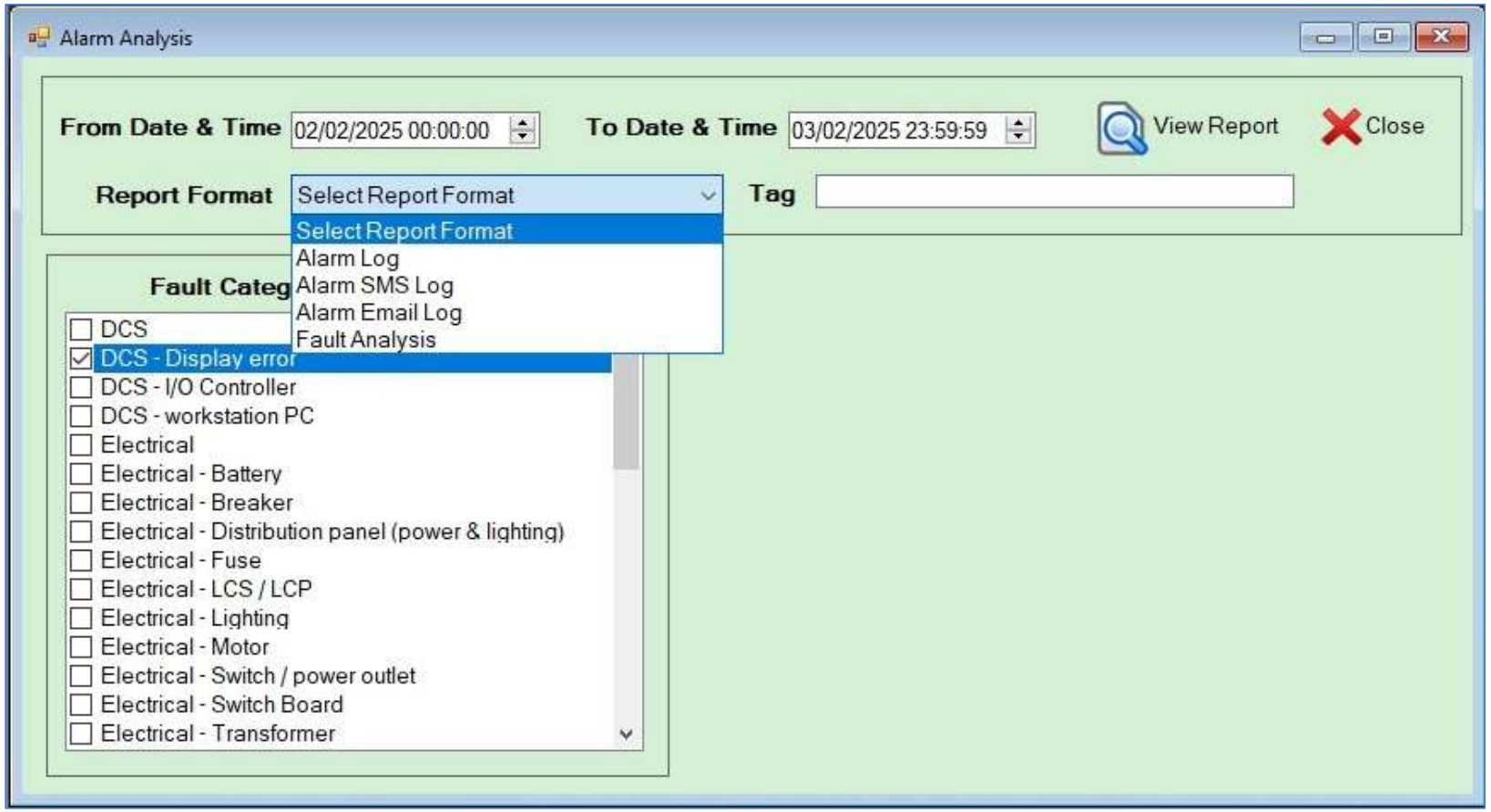
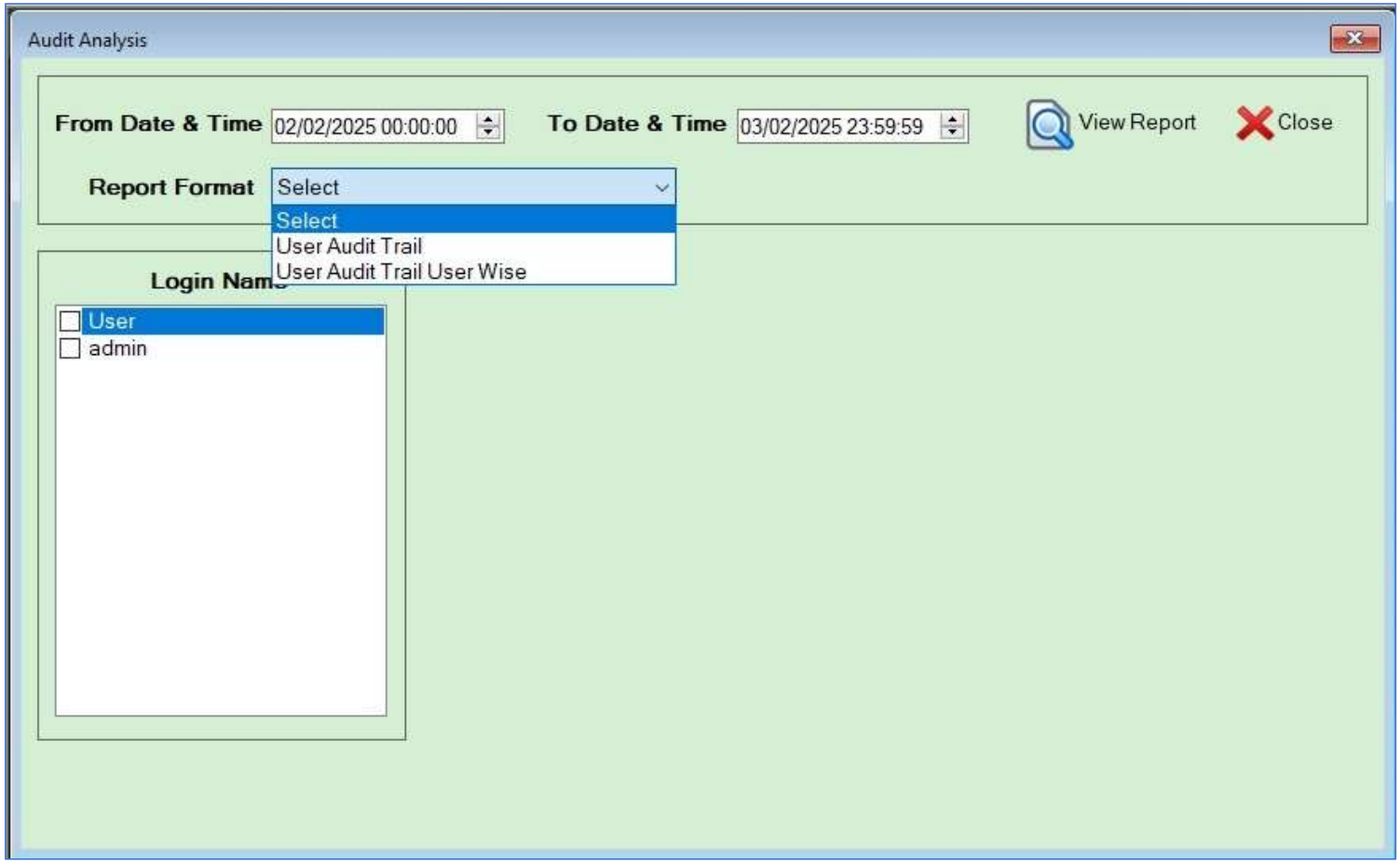
Configuration > Alarm Analysis



Configuration > Audit Analysis



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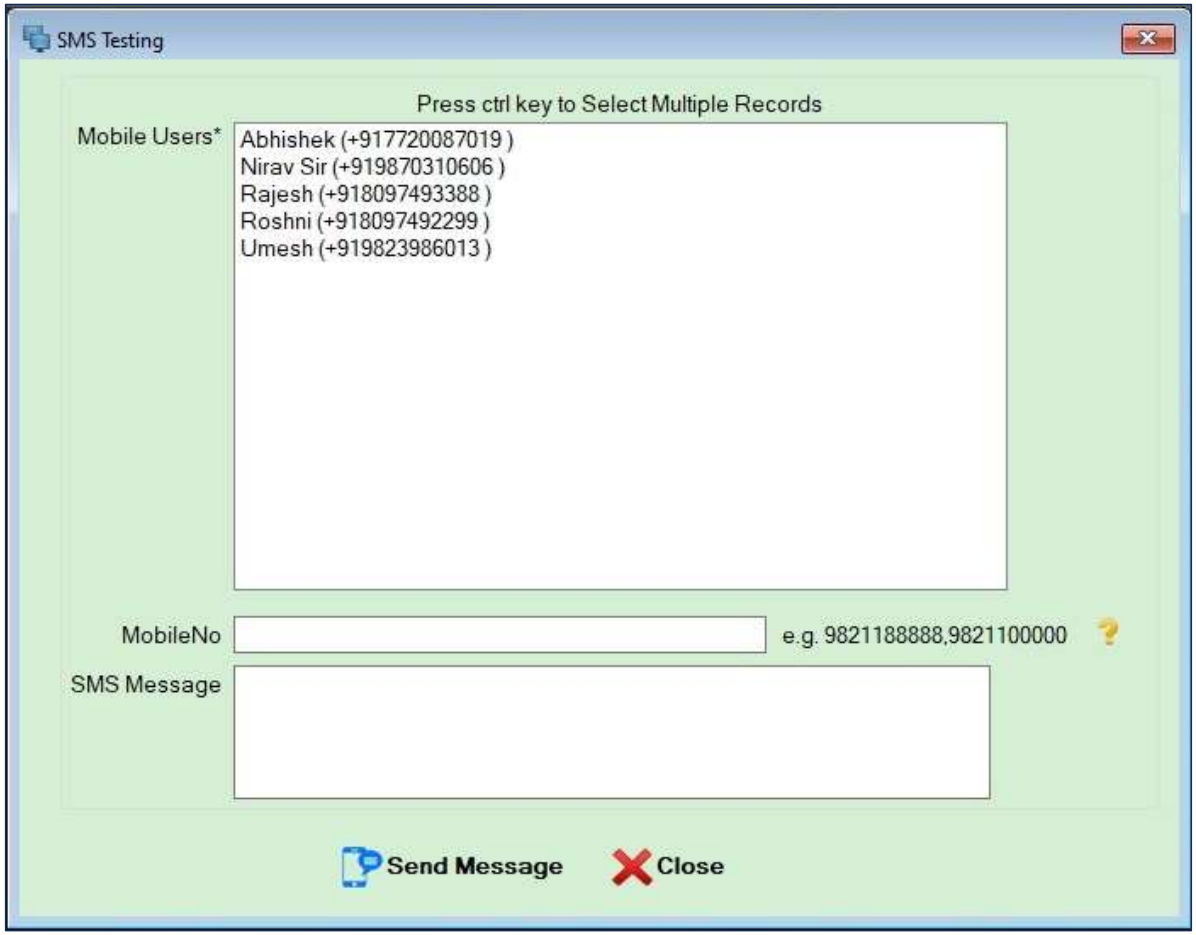
Configuration > Application Diagnostics > SMS Testing



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Configuration > Application Diagnostics > System Diagnostics

Alarm Log Report

End Client Company Name

BMS

Header Note

Alarm Log

Filter From : 01/02/2025 00:00 **Filter To** : 04/02/2025 23:59

Records From : 03/02/2025 12:35 **Records To** : 04/02/2025 12:17

Sr. No	Alarm Log Date Time	Tag Name	Alarm Message	Shift	Alarm Value
1	03/02/2025 12:35		04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5	First Shift	
2	04/02/2025 12:17		02-LC-101 Radar Level Sensor LOW Low Alarm Value 3.60691 Limit 10	First Shift	
3	04/02/2025 12:17		04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5	First Shift	
4	04/02/2025 12:17		02-LC-101 Radar Level Sensor LOW Low Alarm Value 3.60691 Limit 10	First Shift	

Alarm Email Log Report

End Client Company Name

BMS

Header Note

Alarm Email Log

Filter From : 01/02/2025 00:00 **Filter To** : 04/02/2025 23:59
Records From : 03/02/2025 12:35 **Records To** : 04/02/2025 12:17

Sr. No	Alarm Type	Alarm Log Date Time	Alarm Details	Ack Details	Fault Details	User Details	Status	Status Details
1	Alarm	03/02/2025 12:35	TN: AM: 04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5 SN: First Shift AV:-		FC:	UN: Rajesh EA: rajesh@dreamsoftindia.com	Sent	
2	Alarm	03/02/2025 12:35	TN: AM: 04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5 SN: First Shift AV:-		FC:	UN: Umesh EA: umesh@dreamsoftindia.com	Sent	

Alarm SMS Log Report

End Client Company Name
BMS
Header Note

Alarm SMS Log

Filter From : 01/02/2025 00:00 **Filter To** : 04/02/2025 23:59
Records From : 03/02/2025 12:35 **Records To** : 04/02/2025 12:17

Sr. No	Alarm Type	Alarm Log Date Time	Alarm Details	Ack Details	Fault Details	User Details	Status	Status Details
1	Alarm	03/02/2025 12:35	TN: AM: 04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5 SN: First Shift AV:-		FC:	UN: Rajesh MN: +918097493388	Sent	2025-02-03 12:36:29 OK
2	Alarm	03/02/2025 12:35	TN: AM: 04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5 SN: First Shift AV:-		FC:	UN: Umesh MN: +919823986013	Sent	2025-02-03 12:36:32 OK
3	Alarm	03/02/2025 12:35	TN: AM: 04-RPM-101 RPM Feedback LOW Low Alarm Value 4.61207 Limit 5 SN: First Shift		FC:	UN: Roshni MN: +918097492299	Sent	2025-02-03 12:39:36 OK

Alarm Fault Analysis Report

End Client Company Name

BMS

Header Note

Fault Analysis

Filter From : 03/02/2025 00:00 **Filter To** : 04/02/2025 23:59

Records From : 14/Oct/2023 12:43:48 **Records To** : 04/Feb/2025 13:29:06

Sr. No	Fault Category	Fault	Count
1	DCS	Display error	3
2	Electrical	Motor	2
3	Instrument	Flow Indicator	2
4	Mechanical	penstock	1
5	Facility	Lighting	2

User Audit Trail Report

End Client Company Name

BMS

Header Note

User Audit Trail

Filter From	: 01/Feb/2023 00:00:00	**Filter To**	: 04/Feb/2025 23:59:59
Records From	: 14/Oct/2023 12:43:48	**Records To**	: 04/Feb/2025 13:29:06

Sr. No	Log Date Time	Login Name	Event
1	14/Oct/2023 12:43:48	admin	User Logged in Successfully
2	14/Oct/2023 12:44:00	admin	Password Changed Successfully
3	14/Oct/2023 12:44:00	admin	User Logged Out Successfully
4	14/Oct/2023 12:44:14	admin	User Logged in Successfully
5	14/Oct/2023 13:03:17	admin	User Exited Application
6	31/May/2024 14:39:59	admin	User Logged in Successfully
7	31/May/2024 14:40:14	admin	Password Changed Successfully
8	31/May/2024 14:40:14	admin	User Logged Out Successfully
9	31/May/2024 14:40:28	admin	User Logged in Successfully
10	30/Jan/2025 12:36:58	admin	User Logged in Successfully

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Application Architecture

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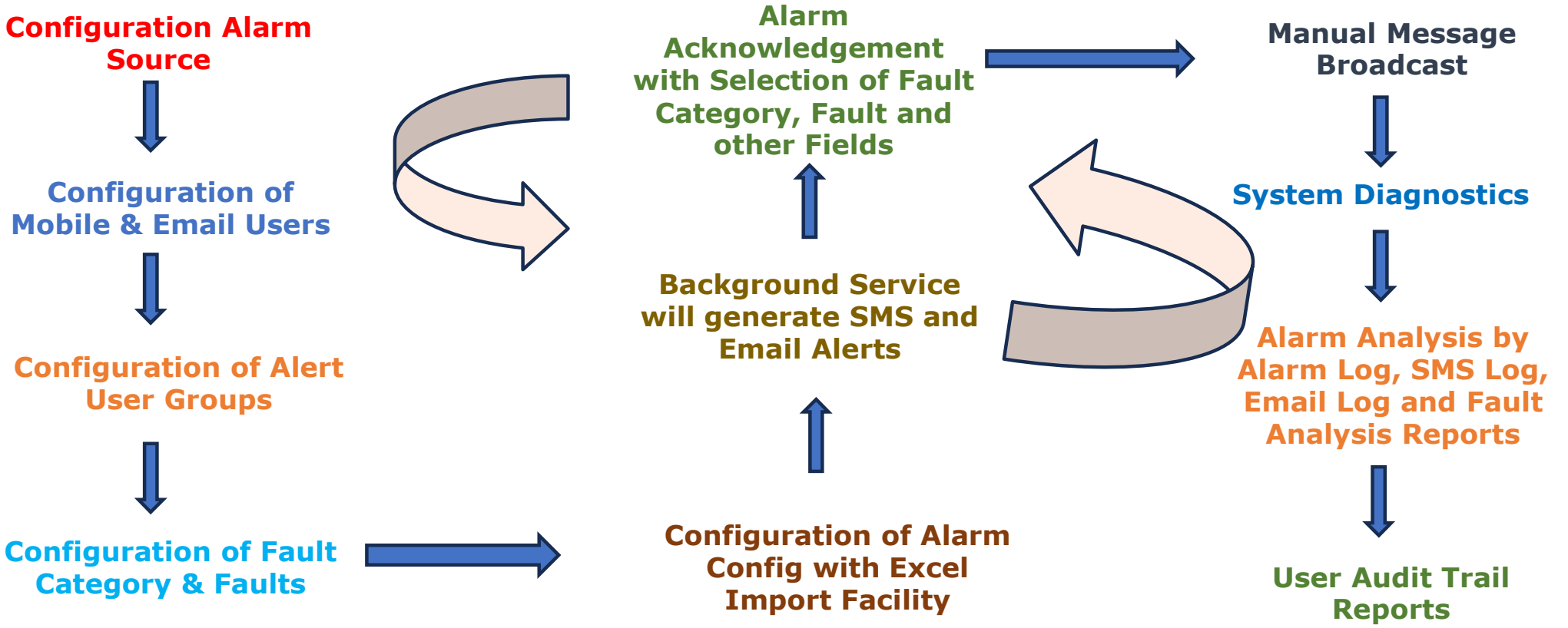
Application Flow



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Thank You

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