

## UniOTP Management System Guide



Username: UniOTP

Password: \*\*\*\*\*

SecuTech Solution Inc.

<http://www.esecutech.com>

Date	Version	Modification
2011-5-12	V1.0	First version

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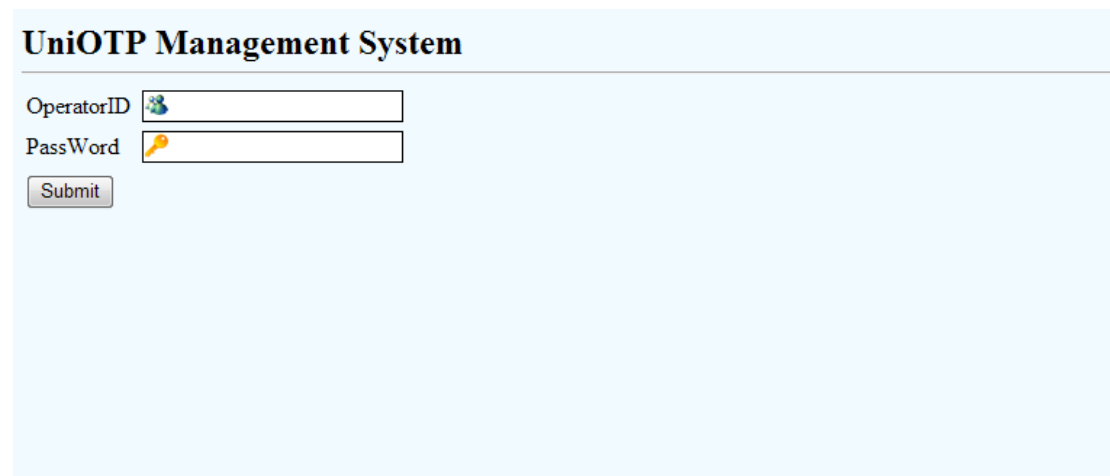
## Introduction

UniOTP Management System is a web-based management system, using this system you can perform administration and maintenance operations concerning dynamic password system information such as user information, token information, operator information, log information etc. The system has different levels of privileges, protecting user information.

## Usage

### Operator login

On the login page, in the OperatorID field enter the operator ID and, in the Password field, enter the corresponding password. Press “Submit”. The default Operator ID for super operator is 1000000001, the default password is 123456.



**UniOTP Management System**

OperatorID

PassWord

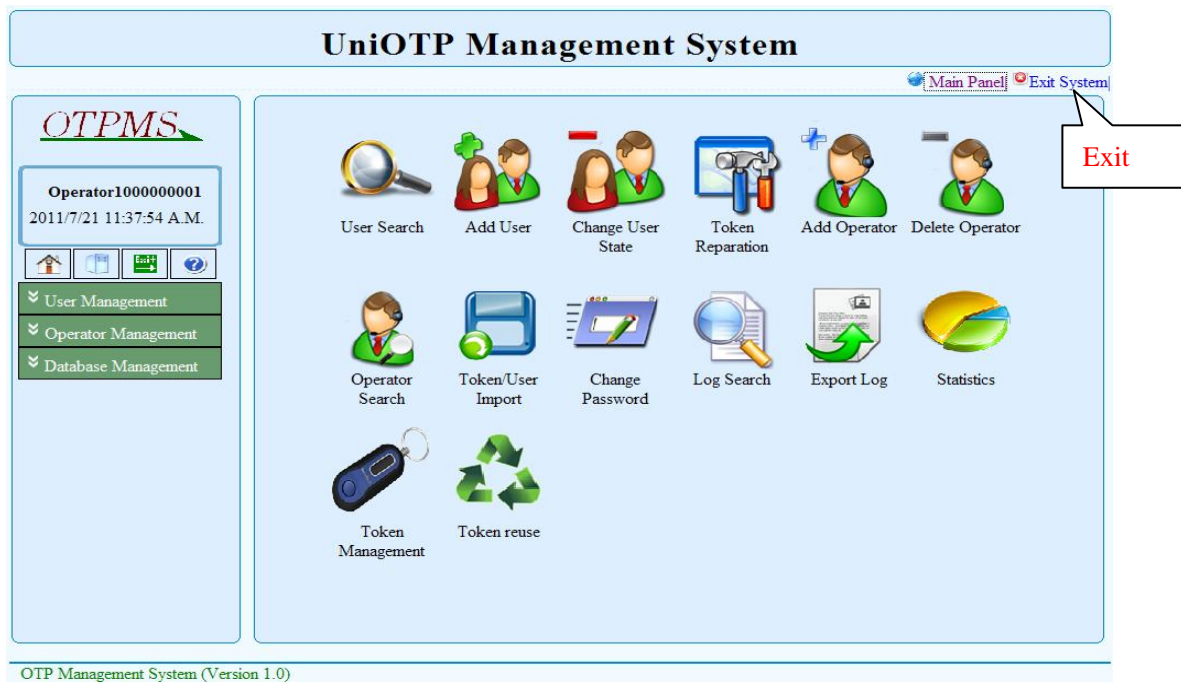
If operator ID and password are correct, you will be able to access the administration interface main page. (An error will be displayed in the case operator ID or password is wrong)

Choose the action to perform from the menu on the left or from the shortcut icons in the main panel.



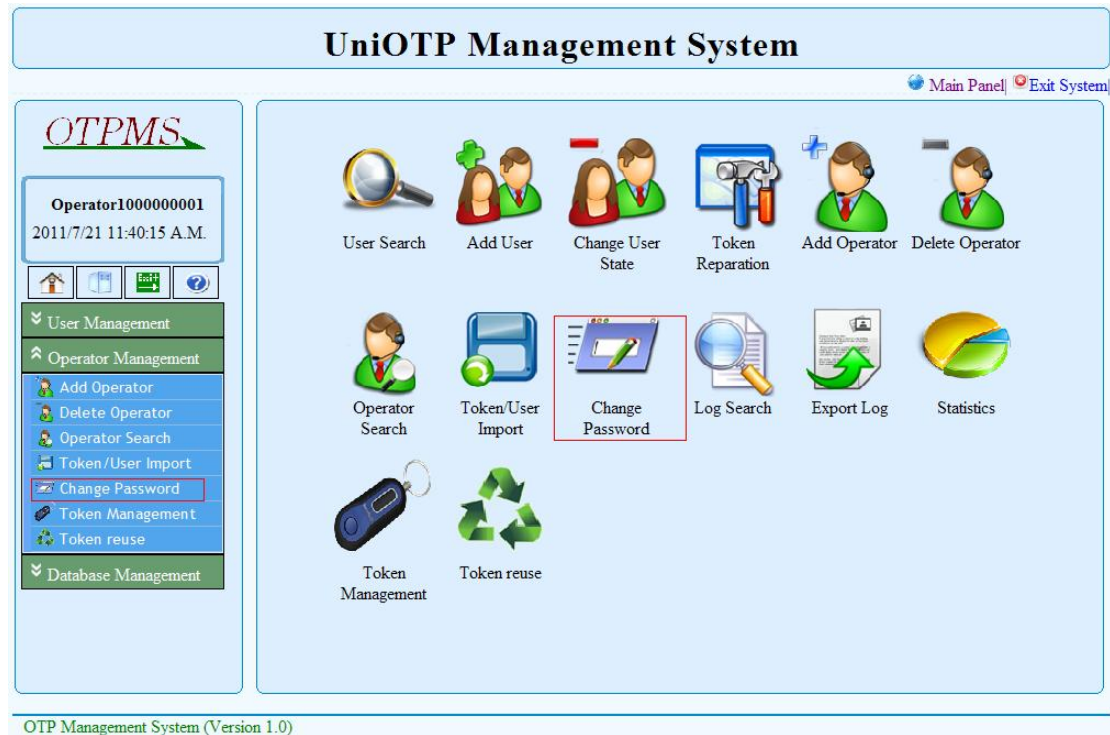
## Log out the system

To log out the system, please use the button “Exit System” as shown in the picture (For security purposes, please always use this method to exit the system)



## Change password

Use the menu on the left or the shortcut on the main panel (icon with a red box on the picture) to enter operator password management section.



In the password administration interface, in the “OldPassword” field, enter the current password, in the ”NewPassword” and “confirm” fields, enter the new password and click “Submit” to confirm the change.

**UniOTP Management System**

[Main Panel](#) | [Exit System](#)

**Operator1000000001**  
2011/7/21 11:42:24 A.M.

▼ User Management

▲ Operator Management

- Add Operator
- Delete Operator
- Operator Search
- Token/User Import
- Change Password
- Token Management
- Token reuse

▼ Database Management

**Change Password**

**Change Password**

Old Password

New Password

Confirm

OTP Management System (Version 1.0)

Success

## Operation Finished

Password changed successfully

[Back](#)

Failure

## Error Infomation

Error Info:Old Password Incorrect

[Back](#)

## User information search

By clicking the icon shown in the picture, you can enter user search interface.



Using user UserID, you can perform a precise. Using Username, you can search for all usernames containing a certain character string.

**UniOTP Management System**

[Main Panel](#) | [Exit System](#)

**Operator1000000001**  
 2011/7/21 11:45:58 A.M.

User Management

User Search

Add User

Change User State

Token Reparation

Operator Management

Database Management

**User Information Search**

**User Information Search**

UserID

Username

OTP Management System (Version 1.0)

For example, if you enter “US20110127002” in the UserID field, you perform a search concerning information of the user having for ID US20110127002, modify or delete user or his information.

**UniOTP Management System**

[Main Panel](#) | [Exit System](#)

**Operator1000000001**  
 2011/7/21 11:47:30 A.M.

User Management

User Search

Add User

Change User State

Token Reparation

Operator Management

Database Management

**User Information Search**

	Username	UserID	ContactTel	IsLocked	FailAccum	PreUseDate	SerialNum	IsDeleted	Ref
	Radmond	US20110127002	008601082888 0	0	0	NULL	secu2011053102 0	0	NU

[Back](#)

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If you enter “t” in the Username field, you will see information about all users whose username contains a “t”, you can choose the user you want to manage, modify or delete the user or his information.

## UniOTP Management System

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**Operator1000000001**  
2011/7/21 11:49:08 A.M.

^ User Management

- User Search
- Add User
- Change User State
- Token Reparation

^ Operator Management

^ Database Management

### User Information Search

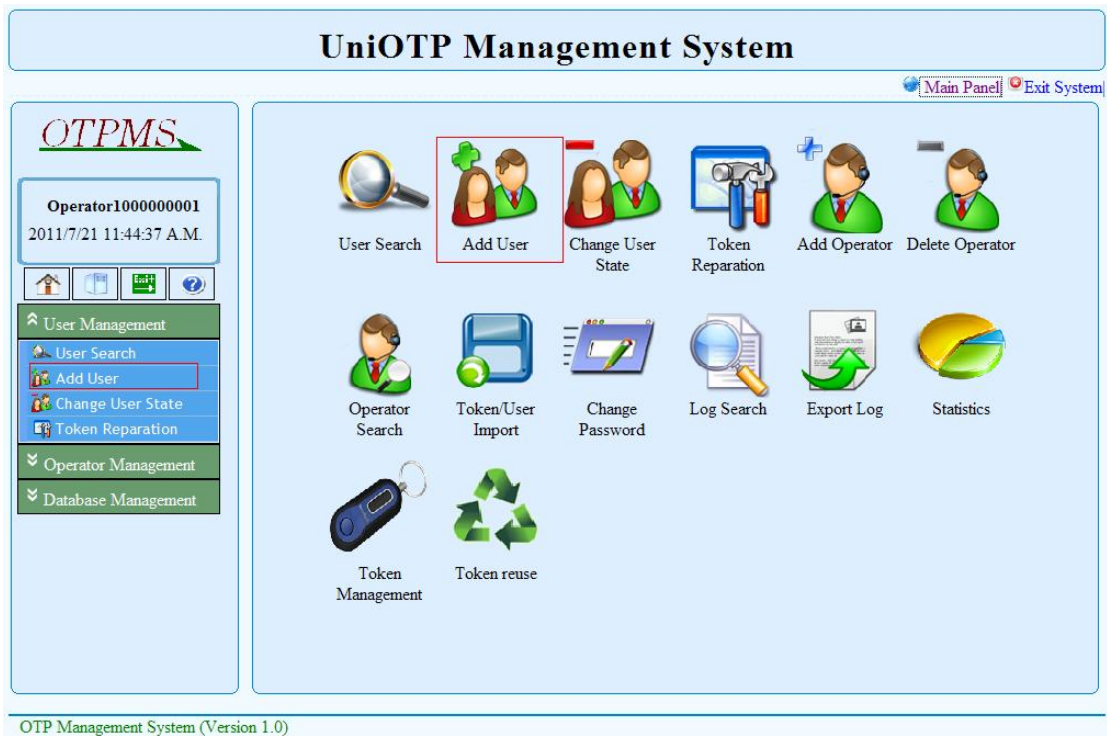
	Username	UserID	ContactTel	IsLocked	FailAccum	PreUseDate	SerialNum	Is
	domain_test	1234567890	123456	0	0	2010-08-19 02:19:03	1000000002	0
	ttt@TestCA.com	1111123	1234	0	0	2010-08-20 04:24:21	1000000020	0
	test9	1234443	12333445	0	1	2011-02-12 08:23:19	1000000029	0
	test3	123456003	123456	0	0	2010-08-21 12:24:07	1000000023	0
	test2	123456789098	15947115102	0	1	2011-02-22 09:41:25	1000000008	0
	test4	123456004	123456	0	0	2010-12-04 15:59:11	1000000024	0
	test5	123456006	123456	0	1	2011-06-14 08:59:37	1000000026	0
	test6	123456007	123	0	2	2010-10-18 09:02:17	1000000027	0
	test10	123456789098	15947115102	0	0	2011-04-27	1000000027	0

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## Add a User

Refer to the icon on the picture to perform user related information.



In order to add a user, you need to provide a unique username, a unique User ID, phone number, the token serial number that you want to allocate to this user, user mail address, user static PIN, authentication method (We recommend to user the more secure OTP+PIN authentication method), Username and system UserID can be used together to perform binding, the token serial number has to be a valid serial number.

## UniOTP Management System

[Main Panel](#) | [Exit System](#)

**Operator1000000001**  
 2011/7/20 17:31:19 P.M.

User Management

User Search

Add User

User State Alternate

Token Reparation

Operator Management

Database Management

### Add User

Add New

Username

➔

UserID

(\*)

Tel

(\*)

User Domain

Serial

(\*)

Remark

Email

(\*)

PIN

(\*)

AuthMode

OTP+PIN

▼

Reset

SUBMIT

OTP Management System (Version 1.0)

If you enter an invalid token serial number, you will get the error message below.

## Error Infomation


Invalid Token  
Please ReType

[Back](#)

Fill in valid user information and click “Submit”.

## Add User

### Add New

Username  

UserID  (\*)

Tel  (\*)

User Domain

Serial  (\*)

Remark

Email  (\*)

PIN  (\*)

AuthMode

Reset

SUBMIT

User added successfully



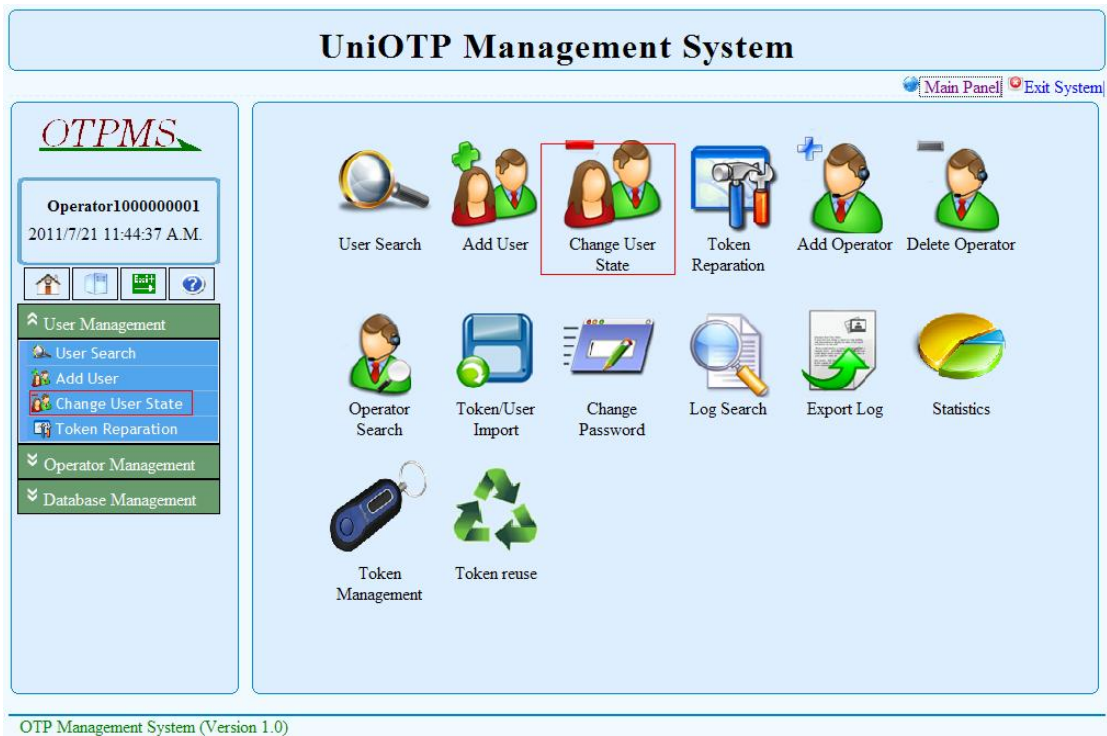
**Operation Finished**

User Radmond added successfully!

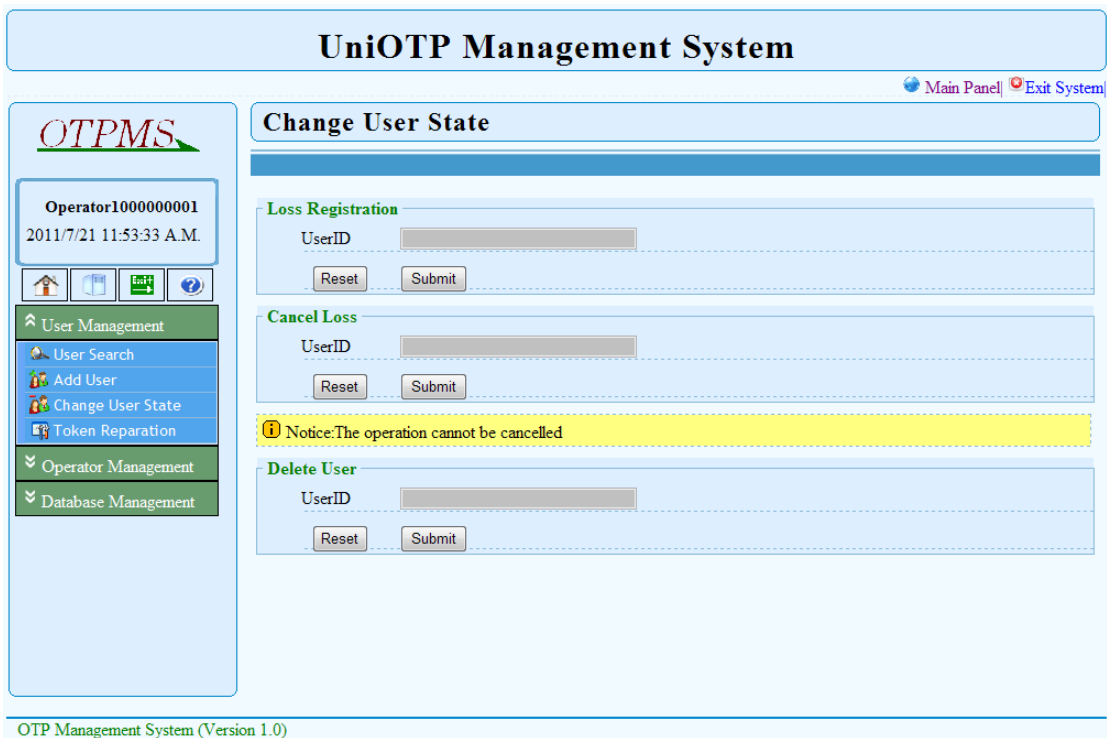
[Back](#)

## User Status change

You can perform settings about user status using this section, report a token a lost, cancel the lost report, or permanently remove the token and related operations.

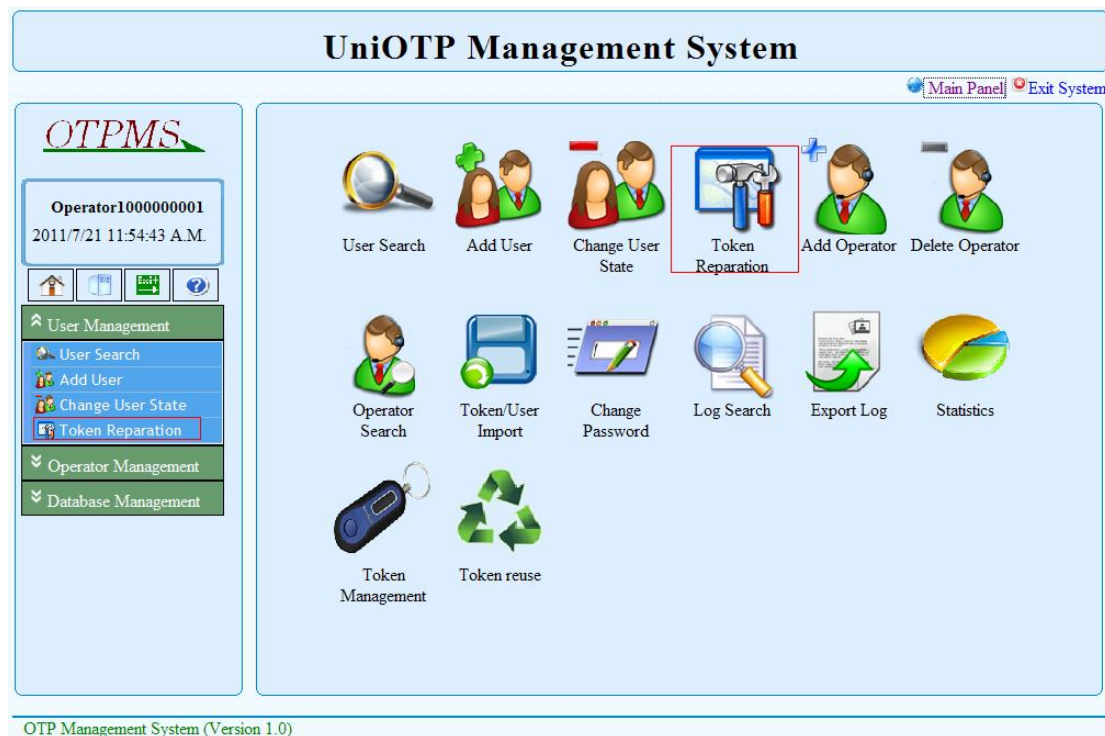


The picture below shows the user status change page (only supports user ID to perform operations on user status)




## Repair a token

For certain reasons, the token can get disabled. In this case, you can try to perform token reparation operation in order to re-enable the token. Refer to the picture below to enter the token reparation interface.



You need to provide two consecutive dynamic passwords in order to synchronize the token.

### Token Reparation

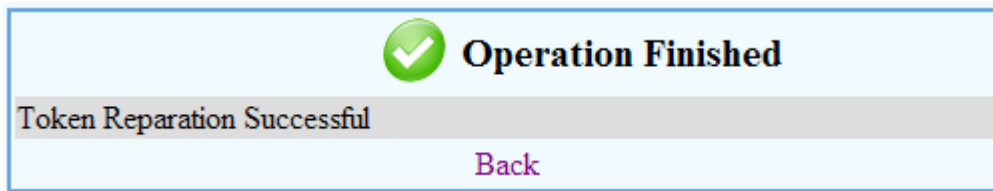
 You need to provide two consecutive dynamic passwords in order to synchronize the Token

UserID

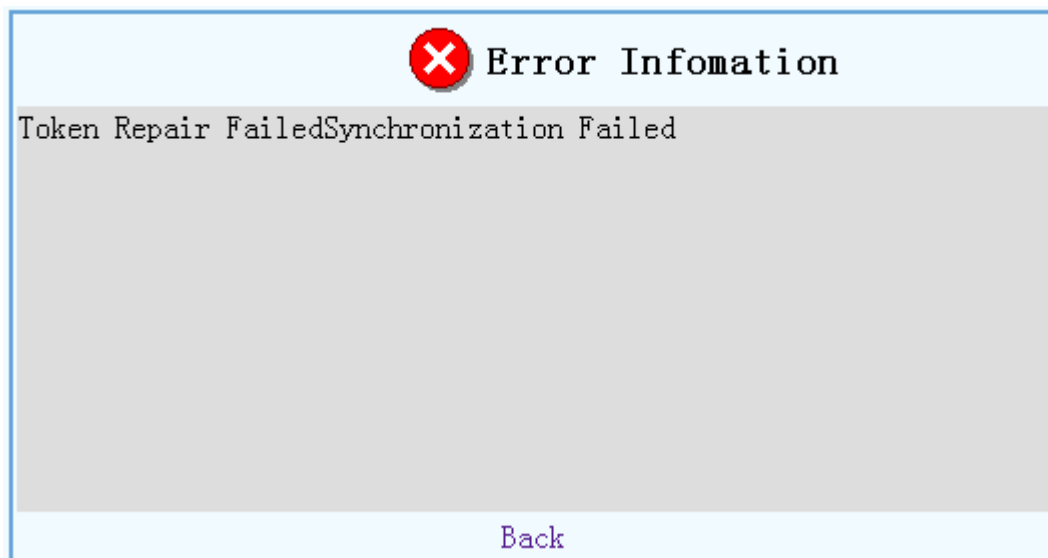
First OTP

Second OTP

Token reparation successful



If the two dynamic passwords are not consecutive, or if it exceeds a certain range, the reparation will fail.



## Add an operator

This interface is used to add new operators in the system, the user added should not be higher than the operator privilege level, and otherwise the operation will fail.



The picture below shows the add operator page, you need to provide operator first and last name, password, operator privilege level.

## Add Operator

**Add Operator**

Name

Password

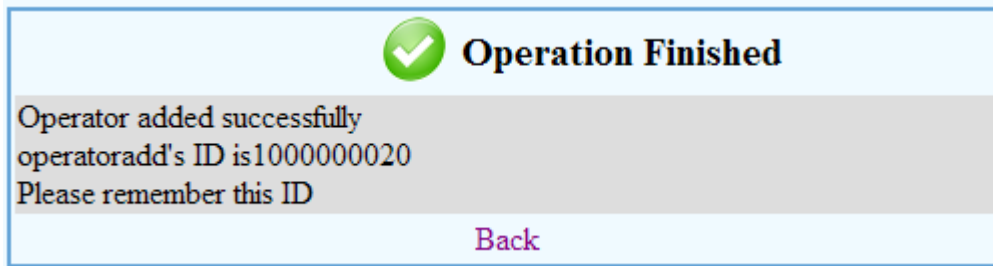
Confirm

Level

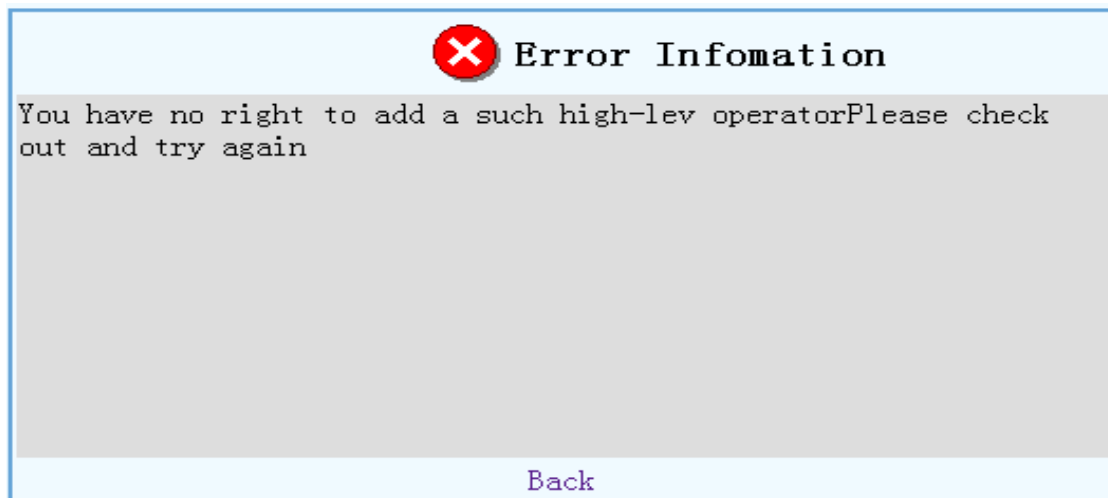
Administrator ▼

If the operation succeeds, the following message will be returned, displaying the OperatorID that you need to use for login, This ID is used by the operator to log in the system.



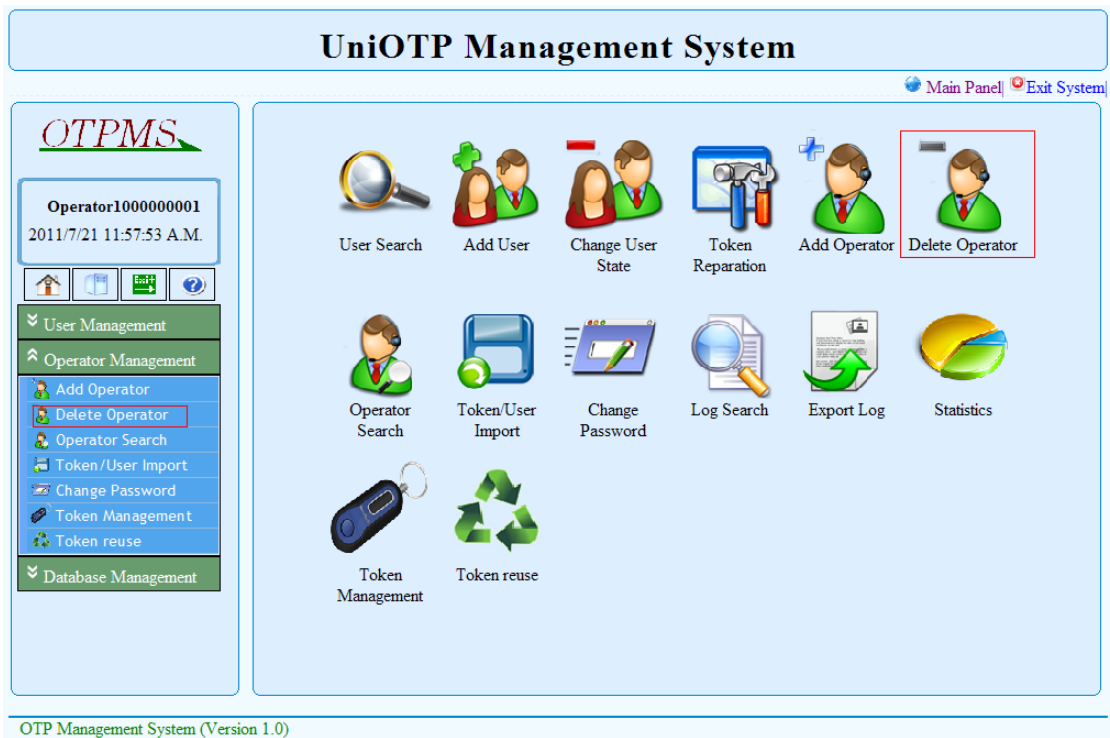


If privilege is not sufficient, you will get the following error message.



## Delete an operator

This interface is used to delete an operator from the database, but your privilege level needs to be higher than the operator you are deleting. Refer to the picture below enter this interface.



Like shown in the picture, you can delete an operator using his operator ID. You can also delete a range of operators from a specific ID to a specific ID.

## Delete Operator

### Delete Specified Operator

OperatorID

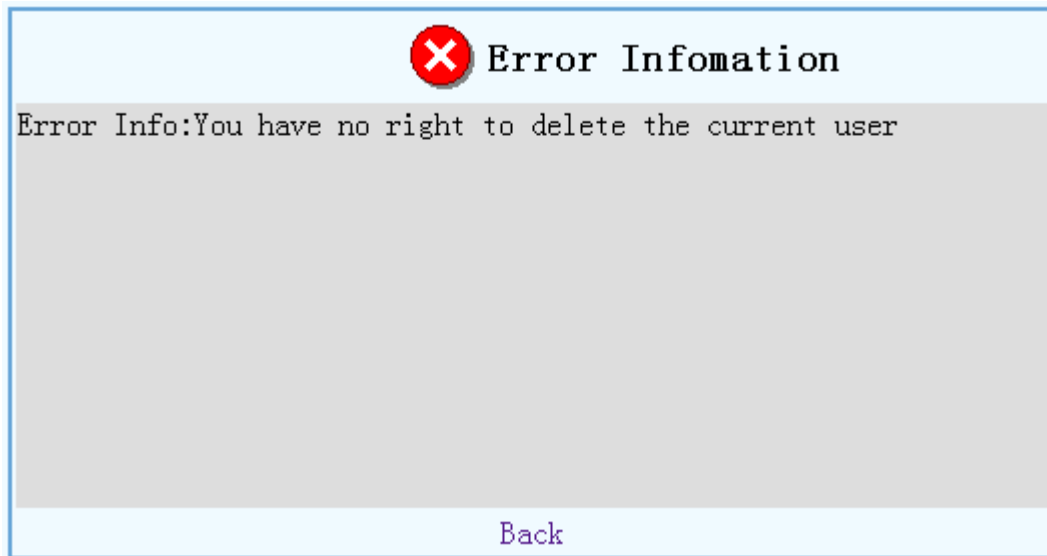
### Bulk Deletion

BeginID

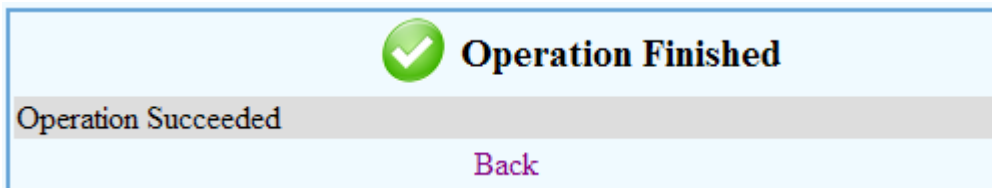
EndID

Level

If you don't have sufficient privilege to delete the operator, you will get the following error message.

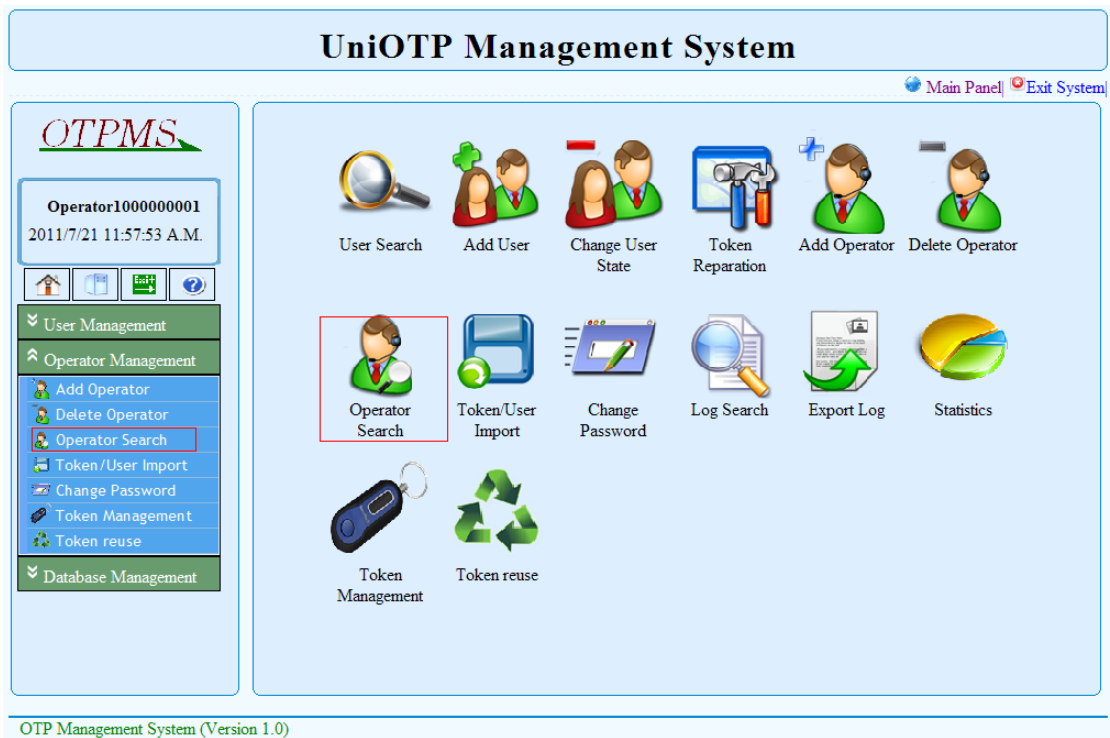


If the operation succeeds, the following message will be displayed.



## Operator information search

With Operator information search interface, you can perform search concerning operators, access this page from the left menu or using the shortcut icon in the main panel.



You can indicate the operator ID to search for information concerning this operator, or you can also indicate a specific range of operators to search for all operators that have privilege level inferior to the current operator.

### Operator Information Search

**Precision Mode**

OperatorID

**Fuzzy Search**

BeginID

EndID

Name

For example, if you enter 1000000001 for the operatorID and click “Submit”, information about the operator having for ID “1000000001”( As 1000000001 stands for Super OperatorID, you need to be super operator to be able to see this information). You can use the icon in front of the operator ID to delete the operator, of course, if your privilege level is lower than the user you want

to delete, the operation will not succeed.

Operator Information Search					
	OperatorID	PassWd	Operatorlev	OperatorName	Domain
<input checked="" type="checkbox"/>	1000000001	7c4a8d09ca3762af61e59520943dc26494f8941b	1	super_administrator	test

[Back](#)

Search for operator ID in a specific range:

Operator Information Search					
	OperatorID	PassWd	Operatorlev	OperatorName	Domain
<input checked="" type="checkbox"/>	1000000002	3d4f2bf07dc1be38b20cd6e46949a1071f9d0e3d	4	123456	NULL
<input checked="" type="checkbox"/>	1000000003	7c4a8d09ca3762af61e59520943dc26494f8941b	4	000000	NULL
<input checked="" type="checkbox"/>	1000000004	7c4a8d09ca3762af61e59520943dc26494f8941b	10	tte1	NULL
<input checked="" type="checkbox"/>	1000000005	40bd001563085fc35165329ea1ff5c5ecbdbbeef	10	tte2	NULL
<input checked="" type="checkbox"/>	1000000006	7b52009b64fd0a2a49e6d8a939753077792b0554	10	tte3	NULL
<input checked="" type="checkbox"/>	1000000007	7b52009b64fd0a2a49e6d8a939753077792b0554	10	tte4	NULL
<input checked="" type="checkbox"/>	1000000008	7b52009b64fd0a2a49e6d8a939753077792b0554	10	tte5	NULL

Total1 CurrentPag1 [< Begin](#) [End >](#) [Back](#) Lines display 18

## Token/User batch import

Token/User batch import interface allows the service provider to import many tokens information at once inside the database, it also can import many users bound to a token at once inside the database. Refer to the picture below to enter the corresponding interface.



In order to import Token files, you need to provide decryption keys for those files, there is no decryption key function for user import. The extension for token files and user information files is “.unif”.

### Token/User Import

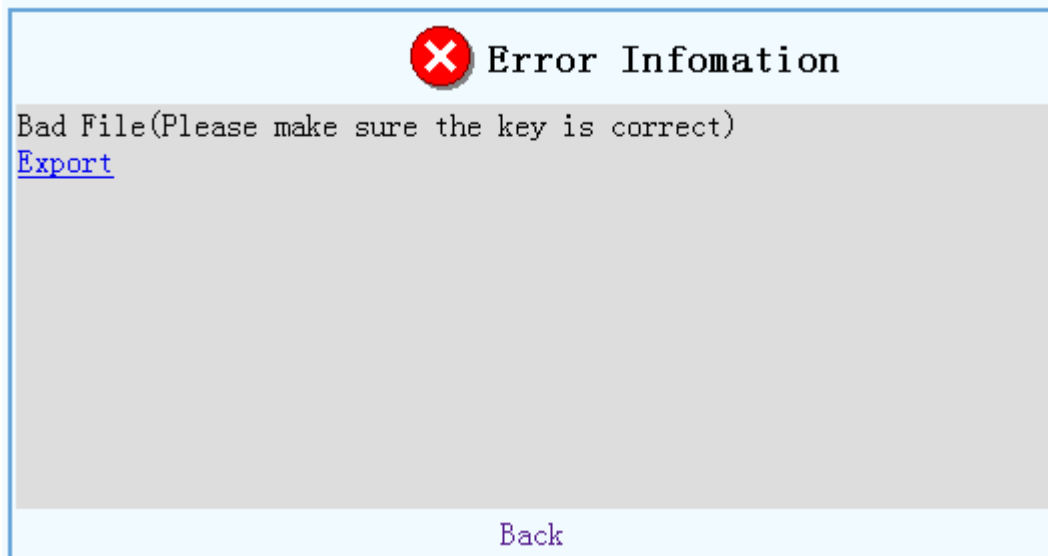
**Token Import**

Source File 
SELECT 
Encryption Key 
Execute

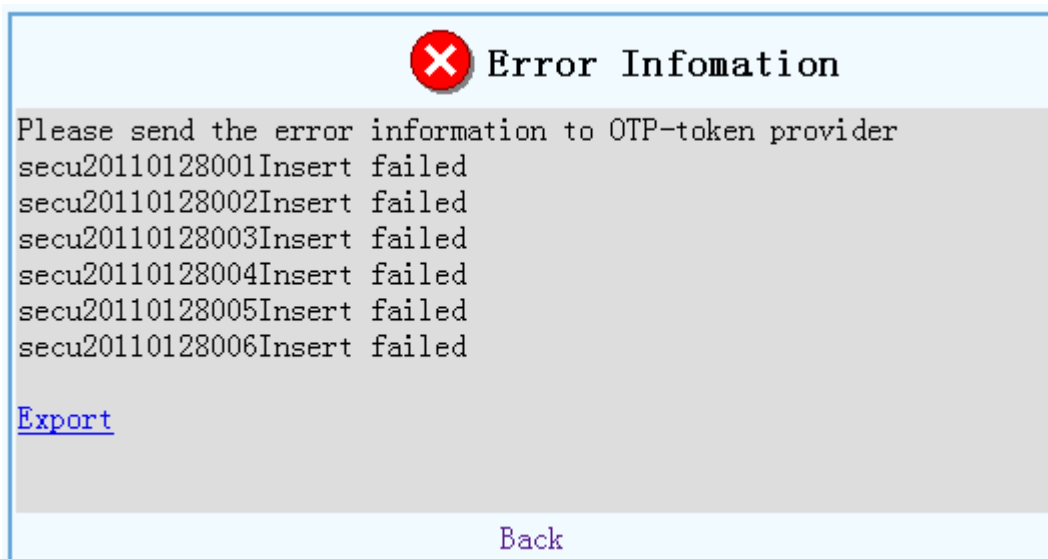
**User Import**

Source File 
SELECT 
Execute

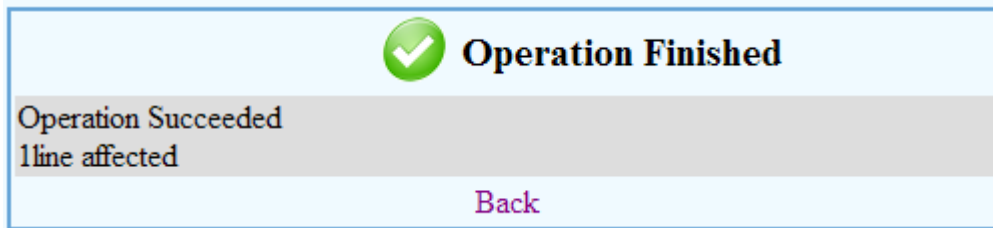
If there is an error with the secret key error or if the file is corrupted, the following message will be displayed.



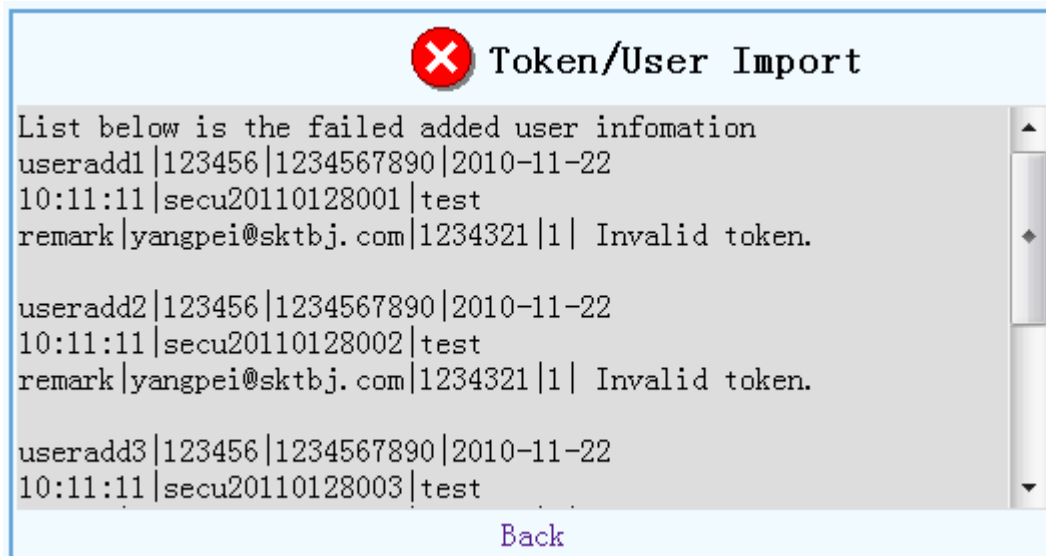
the token file part will successfully prompt an error information for the error token , there is no line in front of the failure of the token serial number corresponding to the record, you can export the information to the service provider to determine the cause of the error (duplicate import should be excluded due to errors)



If token import succeeds, a message will be displayed specifying the number of token imported



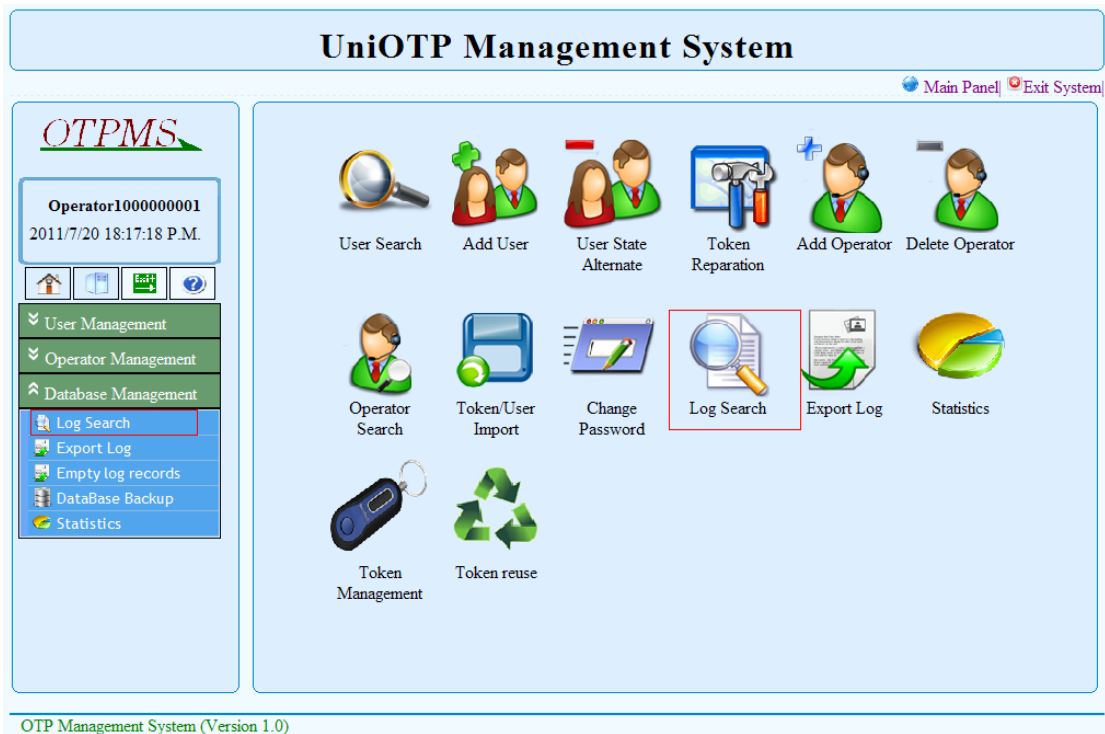
In the case user import has failed, the following error message, containing the details about the concerned users, will be displayed.



## Log information search

Log information search feature provides a log search, which includes everyday's operations logs and users' authentication logs. Refer to the icon pointed in the picture below to enter the log information search interface.





In the log information interface, the “LogDomain” field is used to choose the type of logs, Syslogs for everyday’s tasks logs, Commonlog for user authentication logs. In the QueryMode field you can choose logs for a specific operator, once you have specified an operator, the logs information displayed are only for the specified operator (If you specify username, the authentication logs information for this user only will be displayed.)

If you select the “Specific Operator” query mode, you have to fill in the “OperatorID” field, if you don’t, the operation will fail.

In the two fields “BeginData” and ”EndData” you can set the dates (from when to when) for the logs, click “submit” to search.

Log Search

Log Search

LogDomain

☒ Syslog
 ☐ Commonlog

Search Mode

☒ All
 ☐ Specific Operator

OperatorID

Begin Date

2011 ▾ Y

01 ▾ M

01 ▾ D

00 ▾ H

End Date

2011 ▾ Y

01 ▾ M

01 ▾ D

00 ▾ H

Reset

Submit

The logs from a certain period will look like below:

Log Search

OpTime	Operator	LogLev	OpType	Remark	Domain
2011-07-05 06:46:27	1000000001	1	34	Empty log records:1	NULL
2011-07-05 07:46:34	1000000001	1	20	Operator added successfully1000000020	NULL
2011-07-05 07:46:59	1000000001	1	21	Delete Operator1000000020	NULL
2011-07-20 07:00:31	1000000004	10	24	Change PasswordError Info:Old Password Incorrect	NULL
2011-07-20 07:03:43	1000000003	4	20	You have no right to add a such high-lev operator	NULL
2011-07-20 07:12:54	1000000004	10	21	Delete OperatorYou have no right to delete the current user	NULL
2011-07-20 08:43:48	1000000004	10	24	Change PasswordError Info:Old Password Incorrect	NULL
2011-07-20 08:47:32	1000000001	1	24	Password changed successfully	NULL
2011-07-20 08:55:38	1000000001	1	24	Password changed successfully	NULL

Total 2 CurrentPag1 <Begin Next>> End> Back Lines display 18


If no corresponding result has been found:

 **Warning**  
 No Related Info  
[Back](#)

## Logs export

Export logs information to a file.


**UniOTP Management System**
Main Panel | Exit System


  
**Operator1000000001**  
 2011/7/21 12:03:42 Noon


Home
Users
Logs
Help


- ✓ User Management
- ✓ Operator Management
- ^ Database Management
- Log Search
- Export Log**
- Empty log records
- DataBase Backup
- Statistics


  
User Search


  
Add User

  
Change User State


  
Token Reparation


  
Add Operator


  
Delete Operator


  
Operator Search


  
Token/User Import


  
Change Password

  
Log Search

  
Export Log

  
Statistics

  
Token Management

  
Token reuse

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Set the dates in the two fields BeginDate and EndDate, in the LogDomain field, choose the logs type. In the compress field, choose the type of compression you want to use. Click Submit to backup the selected logs.

## Export Log

**Notice:** You can only get a txt version for the exported log

BeginDate 2011 Y 01 M 01 D 00 H EndDate 2011 Y 01 M 01 D 00 H  
 LogDomain ☒ Syslog ☐ Commonlog  
 Compress ☒ None ☐ zip ☐ tgz

## Clear logs

Before clearing all logs, we recommend to make a logs backup.


### UniOTP Management System


[Main Panel](#) [Exit System](#)

**OTPMS**


Operator1000000001  
2011/7/21 12:03:42 Noon

[Home](#)
[Log Search](#)
[Export Log](#)
[Empty log records](#)
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User Search


  
Add User

  
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Add Operator

  
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Export Log

  
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Token reuse

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## Empty log records


 Backup is recommended first [Log Backup](#)

☒ ☐ Syslog (Total items:46)

☒ ☐ Commonlog (Total items:0)

[Select All](#)

When clearing logs succeeds, the following message will be displayed.



## Empty log records

Operation Succeeded

[Back](#)

## Database backup

The database backup feature is used to restore all the needed information.


### UniOTP Management System

[Main Panel](#) | [Exit System](#)



Operator1000000001

2011/7/21 12:03:42 Noon






✓ User Management

✓ Operator Management

⬆ Database Management


🔍 Log Search

📄 Export Log


🗑 Empty log records

💾 DataBase Backup


📊 Statistics




User Search




Add User




Change User State




Token Reparation



Add Operator



Delete Operator



Operator Search



Token/User Import




Change Password



Log Search




Export Log



Statistics



Token Management



Token reuse

OTP Management System (Version 1.0)

In the “Backup Mode” choose the backup mode. You can choose to backup the whole database, including the tables structure and the data contained inside (You can specify which data you want to backup from the “Log Backup” field). You can also choose to backup only the table structure. In this case, the data contained inside the database will not be backed up.

**DataBase Backup**

Backup Mode

☒ Backup All  
☐ Only Table Structure

Log Backup

☐ Syslog  
☐ Commonlog

Compress

☒ None      ☐ zip      ☐ tgz

## Statistics

You can see temporal and spatial repartition, make statistics, analyze about authentication strength repartition and operation repartition.



Once you entered the statistics page, In the “Load Analysis” part, you can perform load statistics. In Operation statistics, you can perform operation statistics. You can choose a scale for these two

parts (Year or month). In “Display Mode” field, you can choose the display method, there are three kinds: histograms, line charts, pie charts.

**Statistics**

☒ Load Analysis

Statistic Type ☒ Space Distribution Of Load  
 Scale ☒ Y

☐ Time Distribution Of Load  
☐ M

2011 ▼ Y 01 ▼ M

---

☐ Operation Analysis

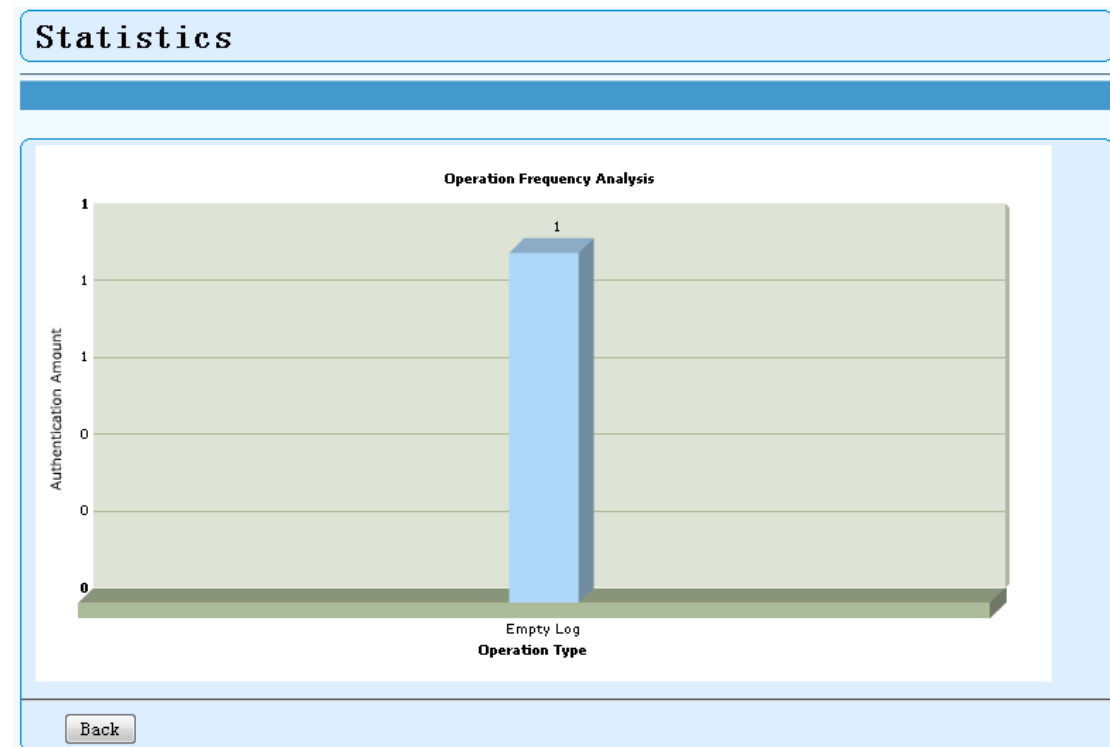
Scale ☒ Y  
☐ M

2011 ▼ Y 01 ▼ M

---

Display Mode ☒ Histogram  
☐ Line  
☐ Pie

The picture below shows the histogram of operation type analyze.



## System information

Click the home icon in the left menu to show system information and system configuration page this page displays system information and the current settings list.

## UniOTP Management System

**Operator1000000001**  
2011/7/20 18:30:16 P.M.

▼ User Management

▼ Operator Management

▲ Database Management

Log Search

Export Log

Empty log records

DataBase Backup

Statistics

[Main Panel](#) [Exit System](#)

### About OTP Management System

**O**TP Management System is a web-based One-Time-Password management system produced by SecuTech Solution Inc, through which you can manage the user information, token information, operator information and the log information.

Server Environments	
Server Software	Apache/2.2.3 (Win32) PHP/5.2.0
UniOTP Extension	no
Database	MySQL
Host	localhost
Database Name	new_otp
Database Port	3306

OTP Management System (Version 1.0)

## System configuration

Using the system configuration page you can change system settings. Click “Config Database” to configure the database.



## UniOTP Management System

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**Operator1000000001**  
 2011/7/20 18:32:45 P.M.

User Management

Operator Management

Database Management

Log Search

Export Log

Empty log records

DataBase Backup

Statistics

Auth-Server Information

Host Address	127.0.0.1
Web Protocol	HTTP/1.1
Port	80
Server Software	Apache/2.2.3 (Win32) PHP/5.2.0

Database Information

Database Type	MySQL
DataBase Host	localhost
Port	3306
Database Name	new_otp

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Once you've entered the database settings page, you can change database settings such as database host, database name, port, login username, login password. You can also test the connection to the database, after you submitted it, a new configuration file will be created.

Change Database Configuration

Database Type	<input type="text" value="MySQL"/>
Database Host	<input type="text"/>
Database Name	<input type="text"/>
Port	<input type="text" value="3306"/>
Database User	<input type="text"/>
Password	<input type="text"/>