

## table of Contents

<b>Overview .....</b>	<b>4</b>
<b>Rights management.....</b>	<b>6</b>
<b>User instructions .....</b>	<b>8</b>
<b>Battle.net client synchronization .....</b>	<b>8</b>
<b>IT management tools .....</b>	<b>10</b>
<b>Battle.net client synchronization status.....</b>	<b>10</b>
<b>Battle.net client synchronization source editing .....</b>	<b>12</b>
<b>Corporate Email Account Password encryption.....</b>	<b>13</b>
<b>Corporate Email Password Decryption.....</b>	<b>17</b>
<b>Domain Account Password Reset.....</b>	<b>18</b>
<b>Use Static IP Table Setting IP.....</b>	<b>20</b>
<b>Software deployment.....</b>	<b>20</b>
<b>Upgrade office to 2016.....</b>	<b>20</b>
<b>Deploy .NET .....</b>	<b>21</b>
<b>Deploy video software.....</b>	<b>22</b>
<b>Install photoshop .....</b>	<b>24</b>
<b>Deploy Lync2010 .....</b>	<b>24</b>
<b>Deploy IGSA.....</b>	<b>25</b>

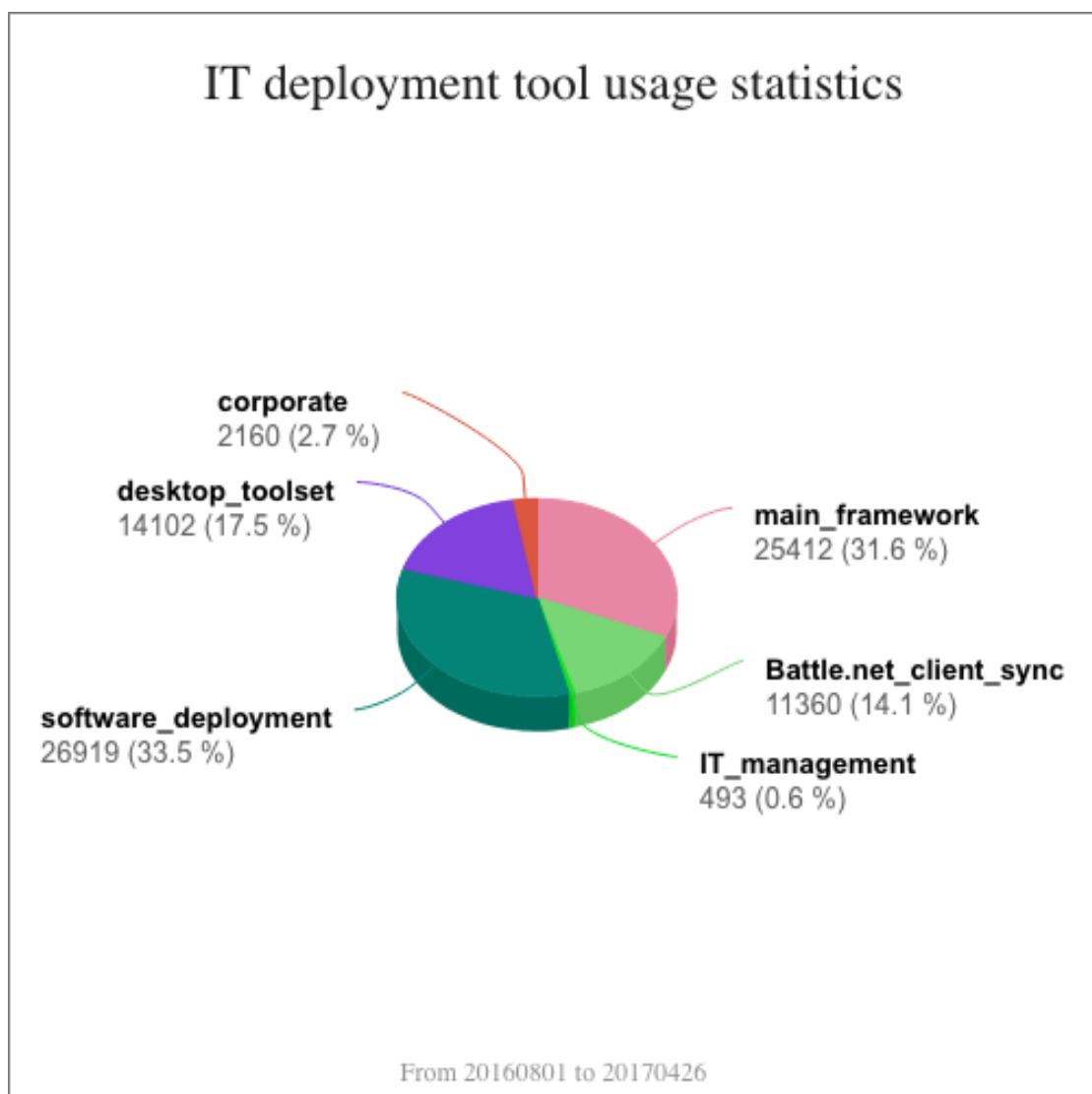
<b>Deploy webchat .....</b>	26
<b>Deploy Slt .....</b>	26
<b>Deploy atlas .....</b>	27
<b>Call center check-in repair .....</b>	27
<b>Install the latest version POPO .....</b>	31
<b>Desktop toolset 1.....</b>	31
<b>DirectX Repair.....</b>	31
<b>Excel repair.....</b>	32
<b>IE Cache cleanup.....</b>	32
<b>Perform IE cache cleanup.....</b>	32
<b>Skype Repair.....</b>	32
<b>Forced update time .....</b>	33
<b>System cleaning tool .....</b>	34
<b>Automatically scan and clean up system trash.....</b>	34
<b>Personalized configuration.....</b>	34
<b>Input method management .....</b>	34
<b>Input method management (system) .....</b>	34
<b>Modify the instant messenger password.....</b>	35
<b>Export, import instant messenger record .....</b>	36

<b>Domain account unlock.....</b>	36
<b>Desktop toolset 2.....</b>	37
<b>Network management related desktop support tools .....</b>	37
<b>View local IP .....</b>	37
<b>Common website .....</b>	37
<b>Firefox over the wall .....</b>	38
<b>Network diagnosis.....</b>	39
<b>Corporate.....</b>	39
<b>Outlook internal mail configuration.....</b>	39
<b>Outlook external mail configuration.....</b>	40
<b>POPO Configuration .....</b>	43

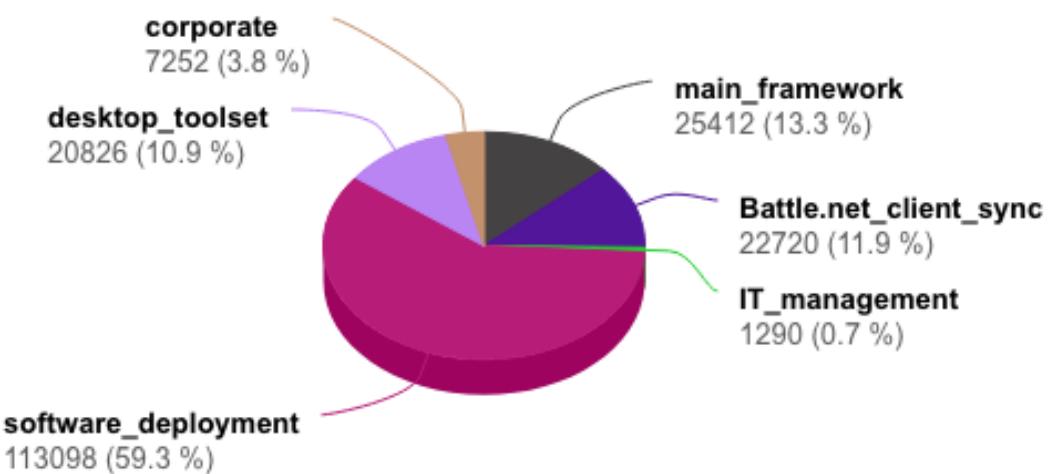
# IT Deployment Tools

## Overview

The various functions of the IT deployment tool are based on the needs of various problems encountered in the actual work, and are gradually improved. It mainly solves the problems of high repetitiveness, complex process problems and non-working time strong demand support in IT daily work.



## Save time by replacing manual operations (min)



From 20160801 to 20170426

Combined time

195837 mins

3263 hour

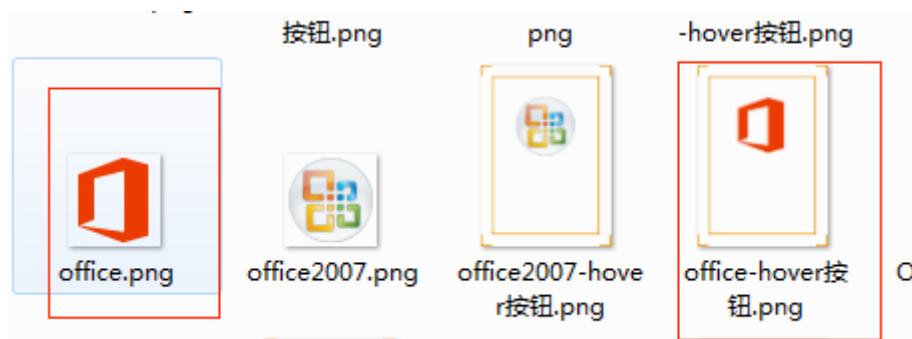
408 working day

# Rights management

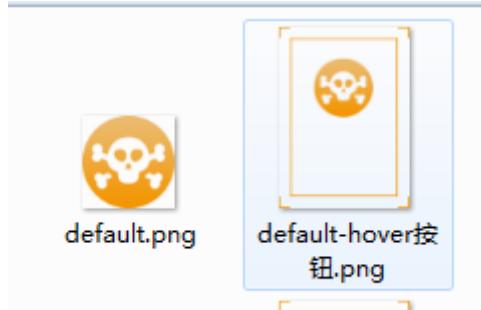
Example :

```
[' Install office2016']
ico = office
Describe = Install office2016 set. Including Excel、Outlook、Word、PowerPiont
Category = Software Deployment
CommandText = start \\fs05\Scripts\Office\office2016install.exe
Logic= GroupList | Users
GroupList = WOW_GM_SONDA
GroupList = WOW_IT
Users = s1111
Users = s2222
Users = h1234
Users = h5678
```

- [' ] Here represents the name of this button
- ico representative icon used , it has office.png and office-hover-button.png these two images, represents the icon under the default icon and the icon under the mouseover.



If the value of ico is not defined, or if the defined map does not exist, it will display the default icon.



- Describe represents a description of this button tool, which is displayed when the mouse hovers over the button.
- Category represents the classification of the tool, which is the category in which the left column is

located. This can't add new categories arbitrarily, you need to add new categories if you have picture material.



- CommandText represents the commands that need to be executed. It actually executes the cmd command, which in this example represents a program that runs a path. You can also run cmd-related commands directly. For example, the connection to the remote host tool actually uses the mstsc command.
- Logic represents a logical definition that defines the visible/useable permissions of the tool. In this case, when GroupList | Users represents a domain security group or the user is satisfied separately, this part of the user has permission to use.  
Logic qualification can use three elements: GroupList ( Domain Group ) , Users ( Domain Users ) , AllowIP ( IP/IP segment )  
AllowIP written in the form 192.168.105.1-192.168.105.254, When adding a single IP, this format is also used but " - " is written at both ends 192.168.105.1-192.168.105.1  
There are three kinds of logical symbols ~ non & and | or  
Example : ~Users represents all users except the defined ones.  
GroupList & AllowIP: Meet the user group at the same time and in this IP interval  
GroupList | AllowIP: User group or IP interval meets one of them  
~GroupList | Users & AllowIP: When all three elements are used, the logic reads from left to right in order. It can be understood that the first judgment is that the logic of "non-security group or user name matching" is true, and then judged at the same time in the allowed IP interval.
- GroupList ( Domain Group ) , Users ( Domain Users ) , AllowIP ( IP/IP segment ) According to the given logic, fill in the corresponding item, when there is no definition in the logic, you can not write it at all, but if the logic is not defined, it will not be used as the element of the logic operation.

## User instructions

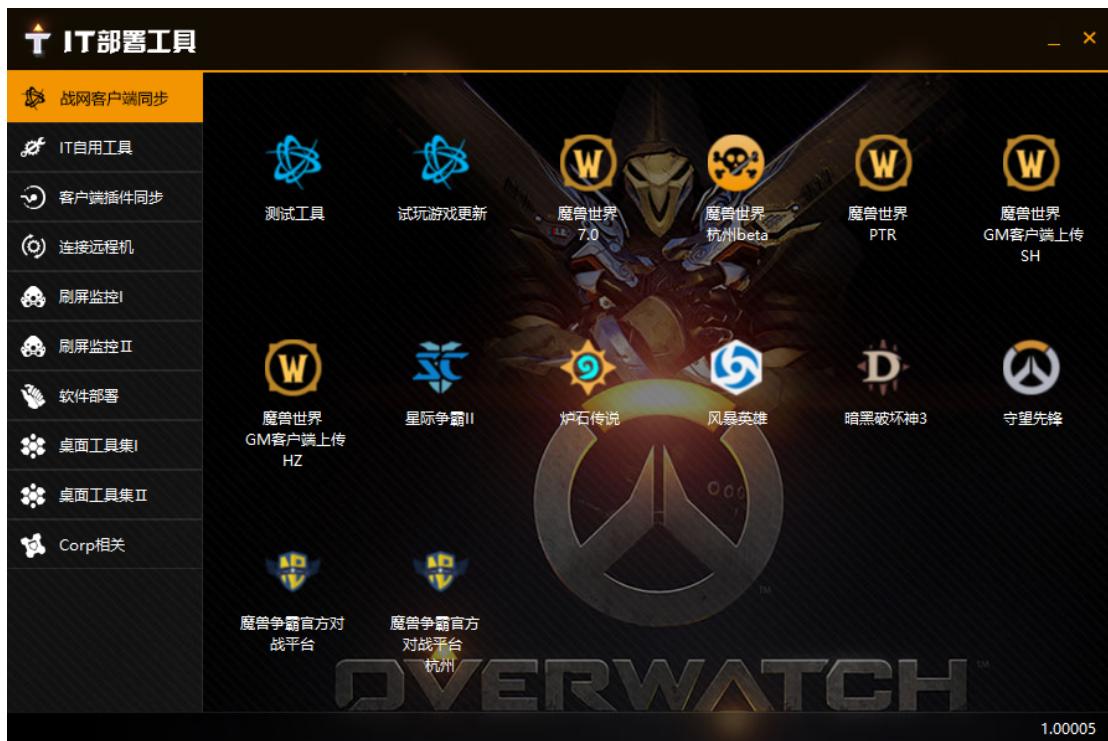
By default, this tool exists on all desktops that are logged in to a domain account. It is released and updated through Group Policy.



There are a few things to keep in mind when using this tool:

- In the company's intranet environment, network connectivity
  - The account currently logged in to the desktop is a domain account.
  - The current host has a D drive because the program entity is on the D drive. The D disk is a hidden disk.

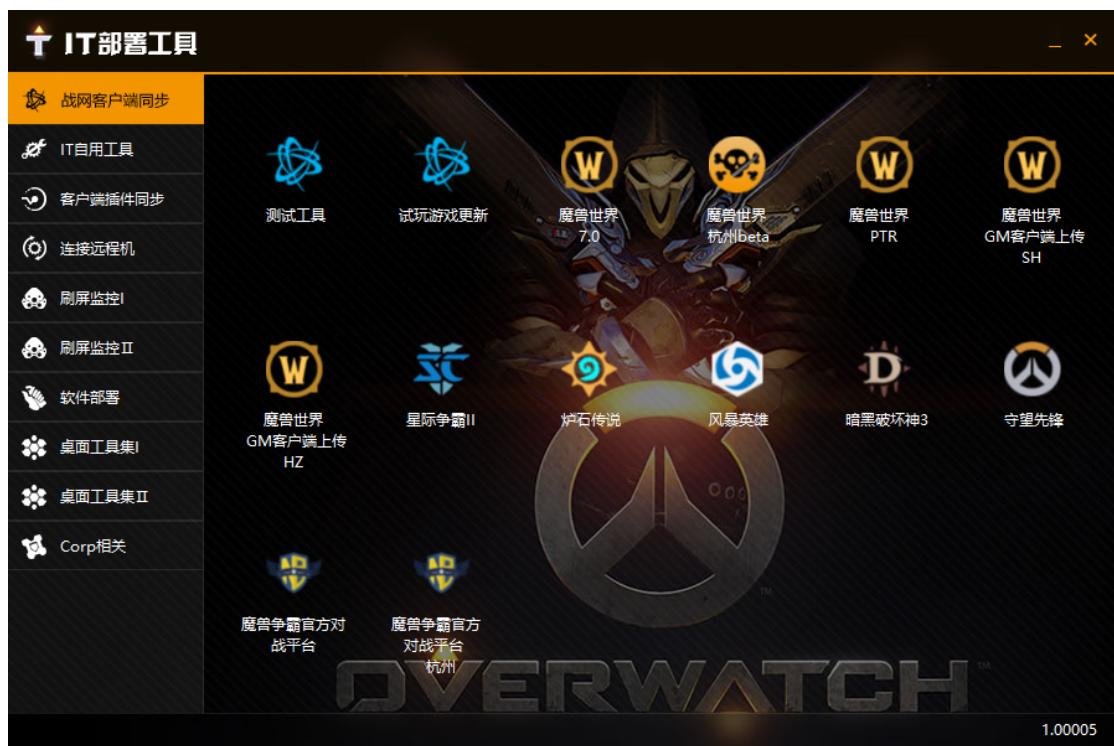
Double-click to open, wait a moment to start loading, you can see a loading animation, please do not click the relevant button during the loading process, so as not to load the exception. After completion, as shown:



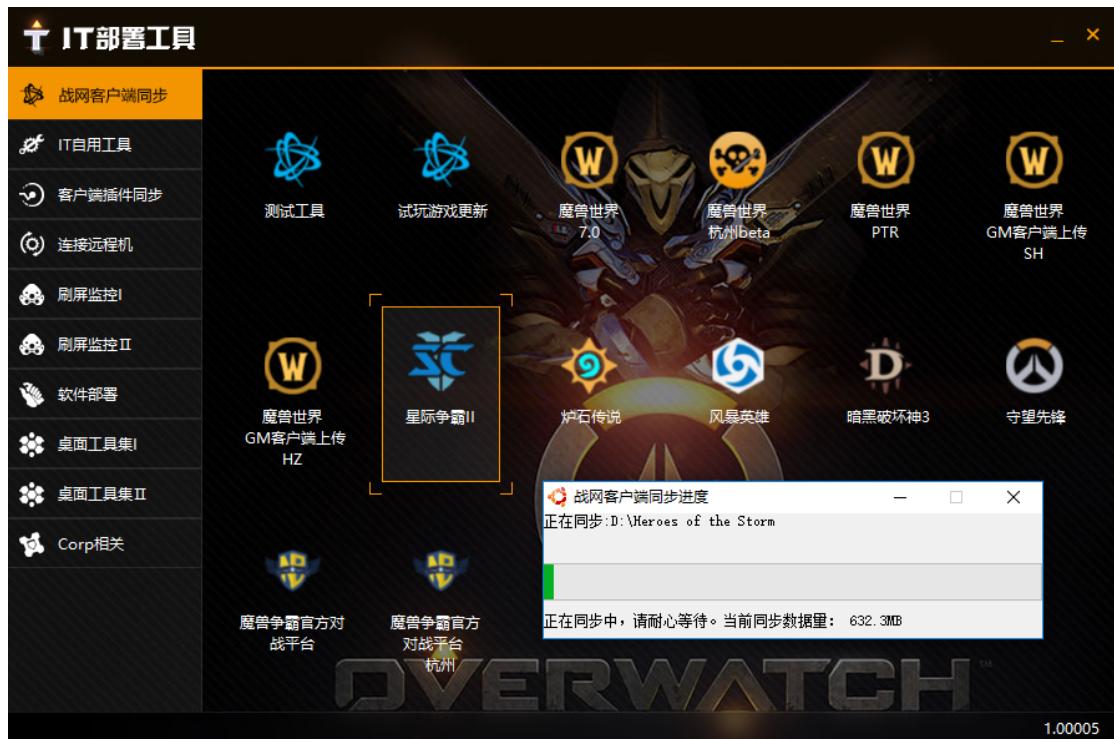
Enjoy!

## Battle.net client synchronization

Need to have the right to use the corresponding client.



Clicking on the game button you want to sync will bring up the sync progress bar. The full length of the progress bar is to change the client's full size, but the synchronization will only synchronize the changed parts, so don't worry about the synchronization will be long.



Once completed, there will be a prompt to open the Battle.net client.

X

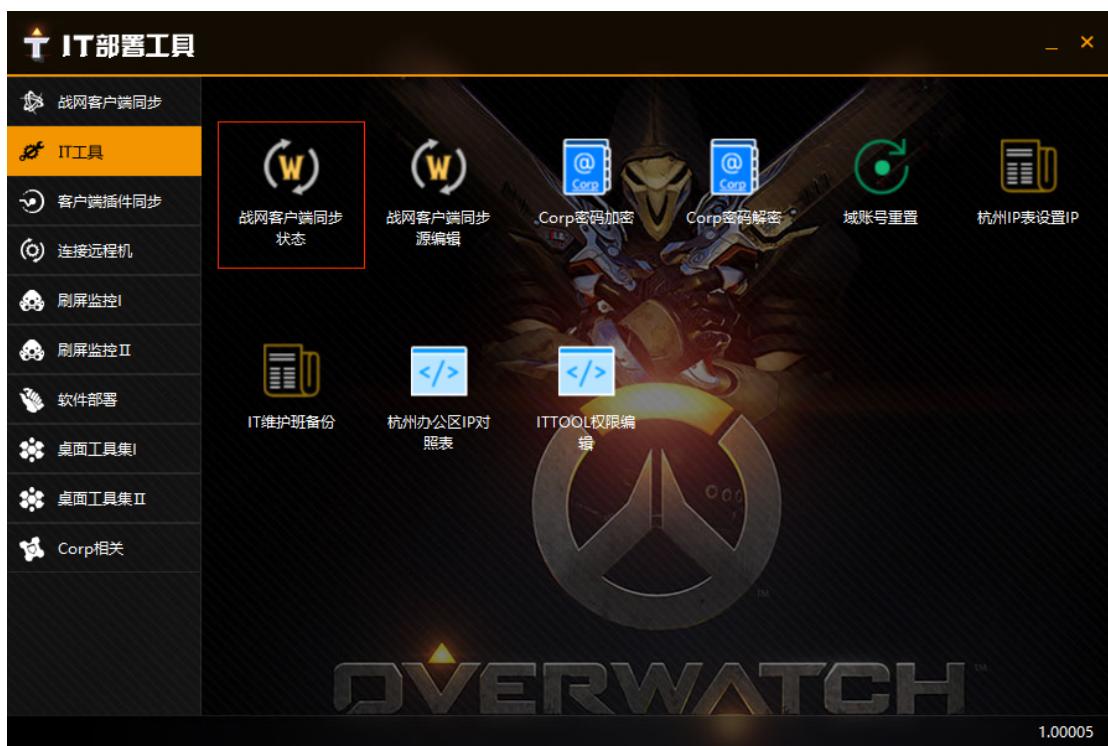
同步完成，是否打开战网客户端？



## IT management tools

IT management tools, this column is only visible to corporate IT team.

### Battle.net client synchronization status



You can see the number of connections for each sync source. For example, as shown in the following figure, I started a synchronization of a Warcraft client.

战网客户端同步状态

	魔兽世界	暗黑	星际争霸	炉石传说	风暴英雄	守望先锋
SHCW01	0	0	0	0	0	0
SHCW02	0	0	0	0	0	0
JVCW01	0	0	0	0	0	0
JVCW02	0	0	0	0	0	0
HZCW01	1	0	0	0	0	0
HZCW02	0	0	0	0	0	0

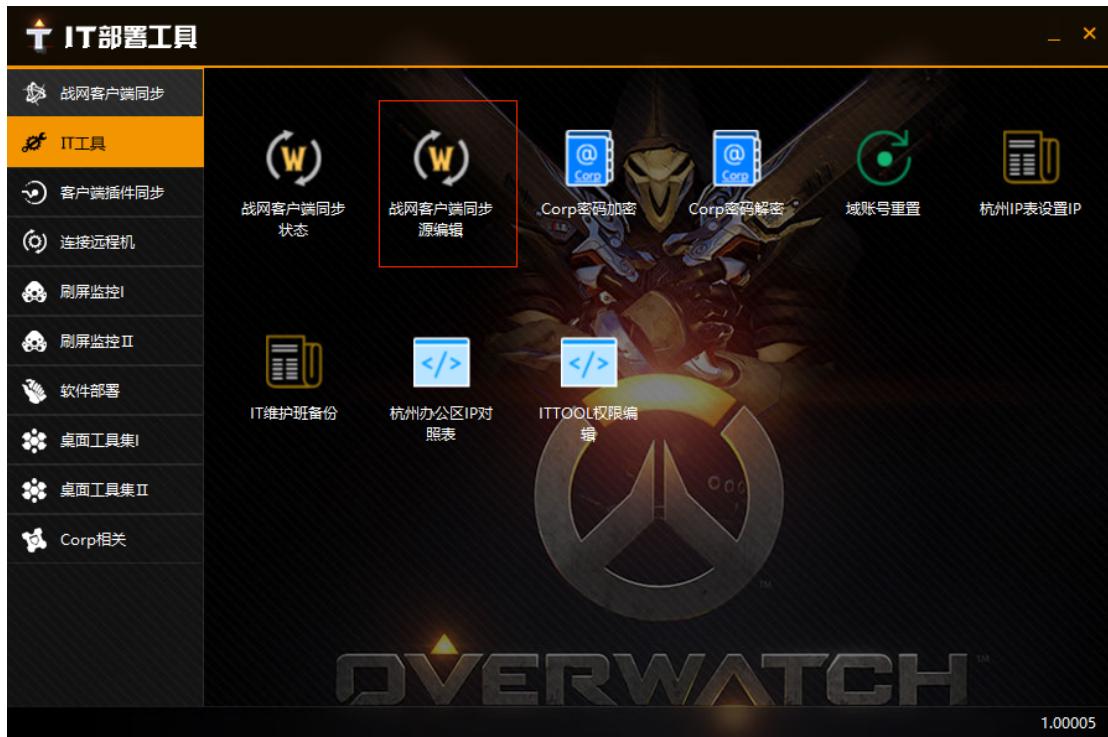
工号

IP

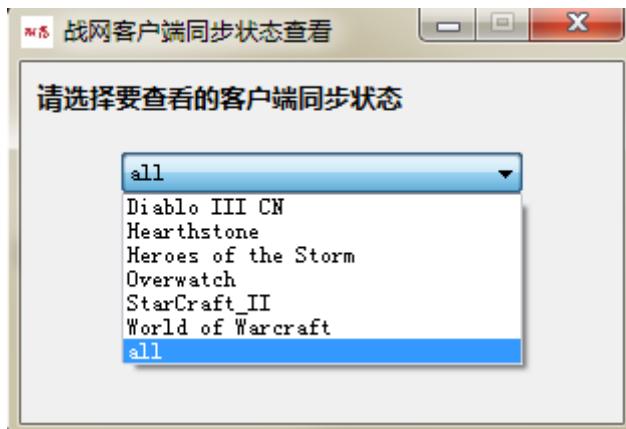
刷新



## Battle.net client synchronization source editing



You can edit the sync source of a single game, or you can select "all" directly, that is, edit a profile to take effect to all games. Because the battle-net games are all present at the same time, our source server is also the same, so there is no need to edit a single, generally select all directly.



The specific editing rules are also described in the configuration file. When the source changes, you can change it according to this writing rule.

all.ini - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

**说明**

- 在同步源服务器可用时，务必填写location项即所在地信息，在停用时，请删除location项的值或删除整个源服务器字段。HZ代表杭州，SH代表上海。
- links代表连接数
- users代表连接的用户名
- ips代表用户的当前IP
- 同一个地方，根据算法同等连接数时最下面的同步源定义优先级最高

\*\*\*\*\*

```
hzcw02
[192.168.117.242]
location=HZ
links=0
users=
ips=

hzcw01
[192.168.117.241]
location=HZ
links=0
users=
ips=
```

Introduce:

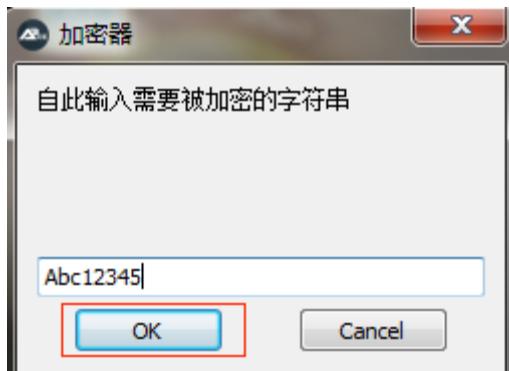
1. Be sure to fill in the location when the sync source server is available. When deactivated, delete the value of location or the overall source server field.
2. Links represents the number of user connections.
3. Users representing the connecting usernames.
4. Ips represents the user's current IP.
5. In the same place, the lowest level of synchronization source has the highest priority according to the algorithm's equal number of connections.

### Corporate Email Account Password encryption

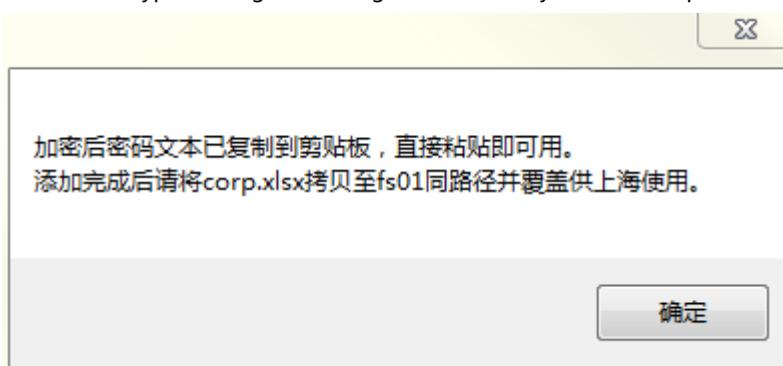
1. Change the password for the corp account once
2. Click on the tool



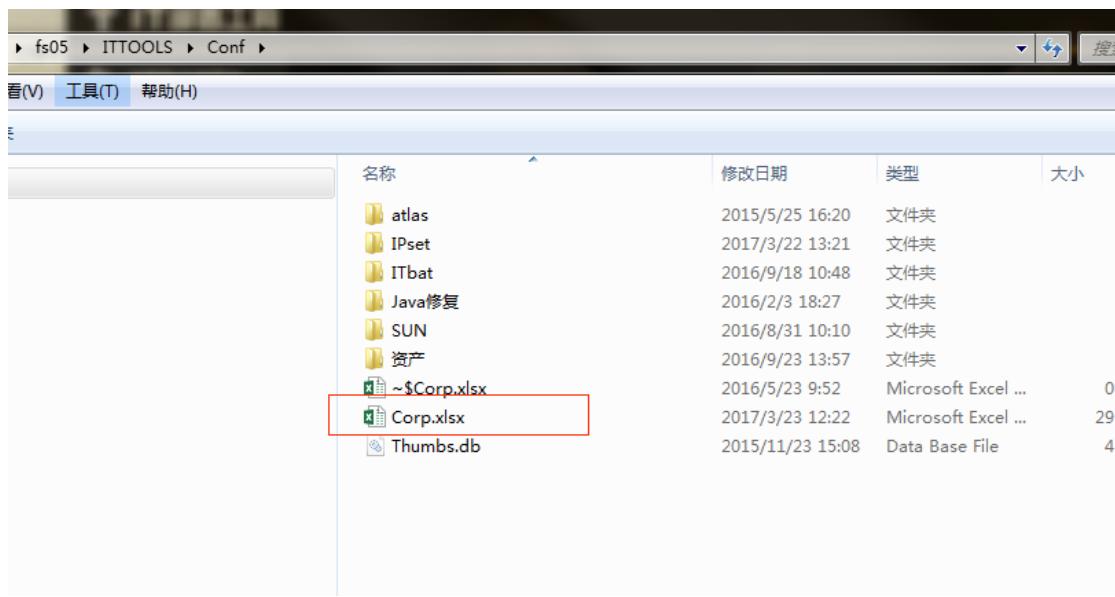
3. Suppose the corp account at this time is Allen@corp.netease.com password: Abc12345 , Copy the password to the pop-up window, click OK.



4. At this point, a prompt popup window will appear, telling the entire encryption operation to complete, copy corp.xlsx to the same path as fs01, and this operation will be done last. At this time, there is an encrypted password string on the pasteboard. Do not perform other copy-type operations to prevent the encrypted string from being overwritten. If you misuse it, please start over.



At the same time, the Corp.xlsx path stored on fs05 will be opened. Double-click to open Corp.xlsx.



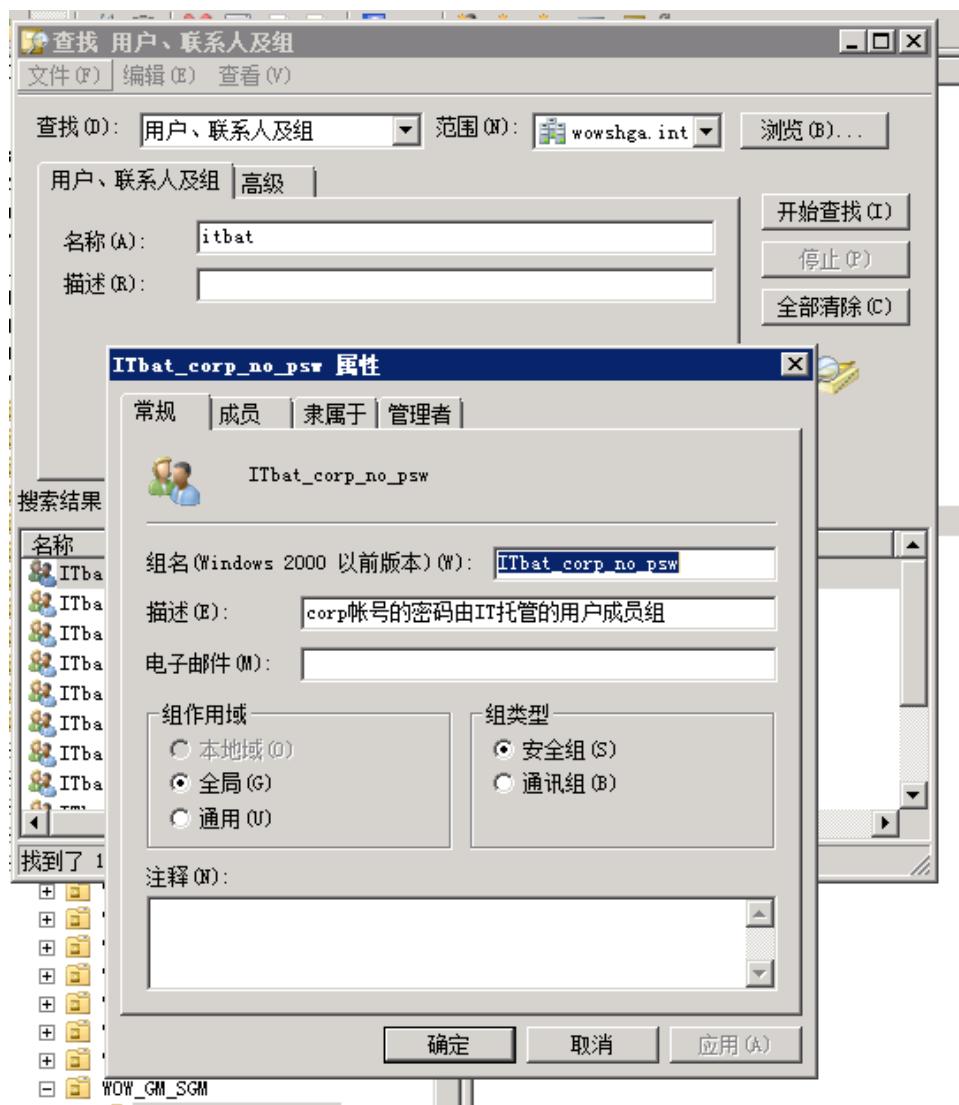
5. Corp.xlsx Input password.



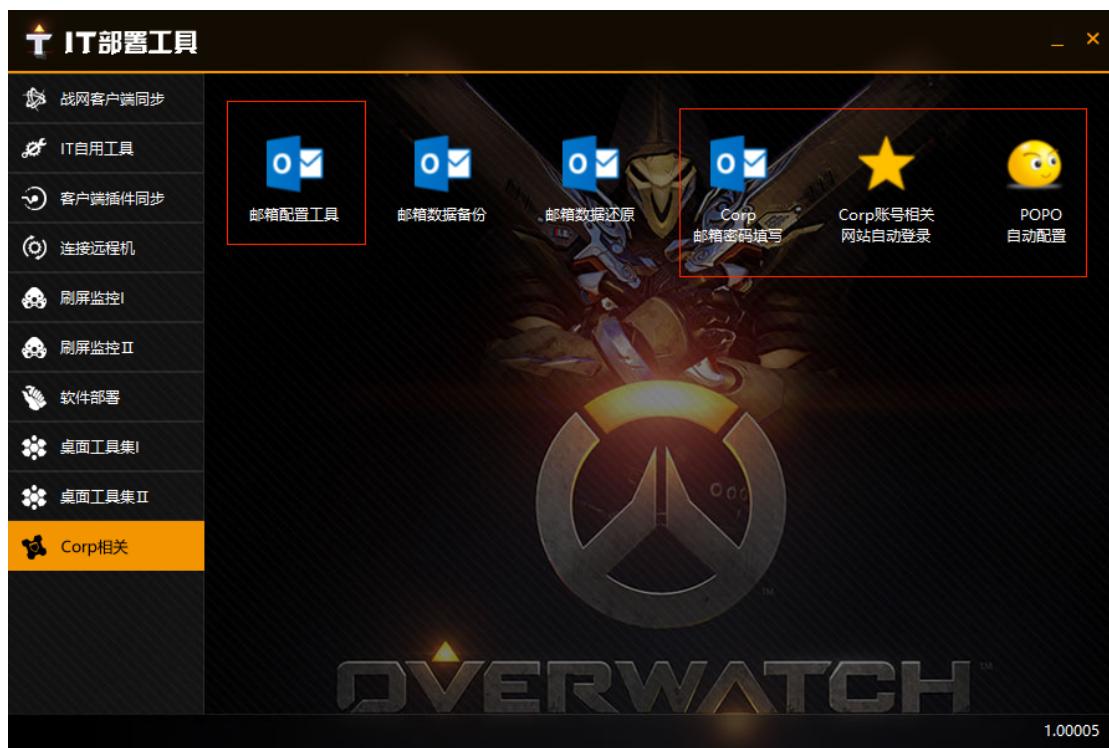
After opening, directly paste the encrypted string to the last available line, and then fill in the user name, job number, corp account prefix and save.

张三	S1111	shzhangsan		0xCFFCCC71ED1AC43Q
潘*	H1111	hzpan***		0xD5DDE96AE866A51E
张*	S2222	zhang***		0xFDF9CF6A8C08B73F
赵*	S3333	shzhao***		0xCCDDC94FFA14A273
成*	S4444	shcheng***		已授权密码
周*	H3333	hz_zhou***		已授权密码
陈**	H5555	hzchen***		已授权密码
陈**	S6666	shchen***		已授权密码

6. Close Corp.xlsx when finished. Copy Corp.xlsx in the current \\fs05\ITTOOLS\Conf path to \\fs01\ITTOOLS\Conf to overwrite the file with the same name. Because of the automatic configuration of the Corp related tools, Hangzhou and Shanghai are each reading the nearest Corp.xlsx. After editing Hangzhou, you need to copy it to the same path server in Shanghai.
7. After the password is added, the user cannot use the automatic configuration function. We need to go to the DC server, open the security group ITbat\_corp\_no\_psw, and add the user domain account to this security group.



8. Once complete, the user can use the relevant auto-configuration tool. Users don't have to care about what their password is. It is also not allowed to use the corporate mailbox in other ways to achieve the purpose of security control.

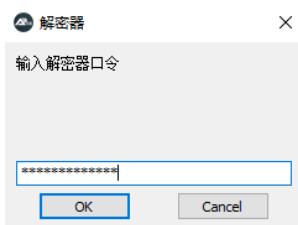


### Corporate Email Password Decryption

The reverse process of encryption. After the user obtains the authorization to use the password independently - generally approved by the leader, the password can be released



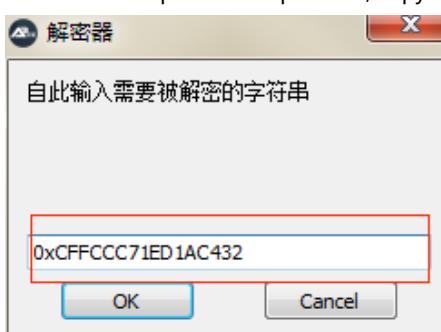
Use this tool need password : \*\*\*\*



This is the protection password of Corp.xlsx. \*\*\*\*\*



Find the user's password ciphertext, copy and paste it into the pop-up window of the decryptor, click OK



Get the password.

Send the password separately to the account user.

### Domain Account Password Reset

When the user forgets the password and needs to be modified, the corporate IT performs a reset operation.



The default password after reset is \*\*\*\*\* , inform the user. The user will be asked to change the password when logging in. Through this tool to reset, there will be a reminder email sent to the IT internal mailing list, the user himself, and the process is ensured to be safe and trustworthy.

## Use Static IP Table Setting IP



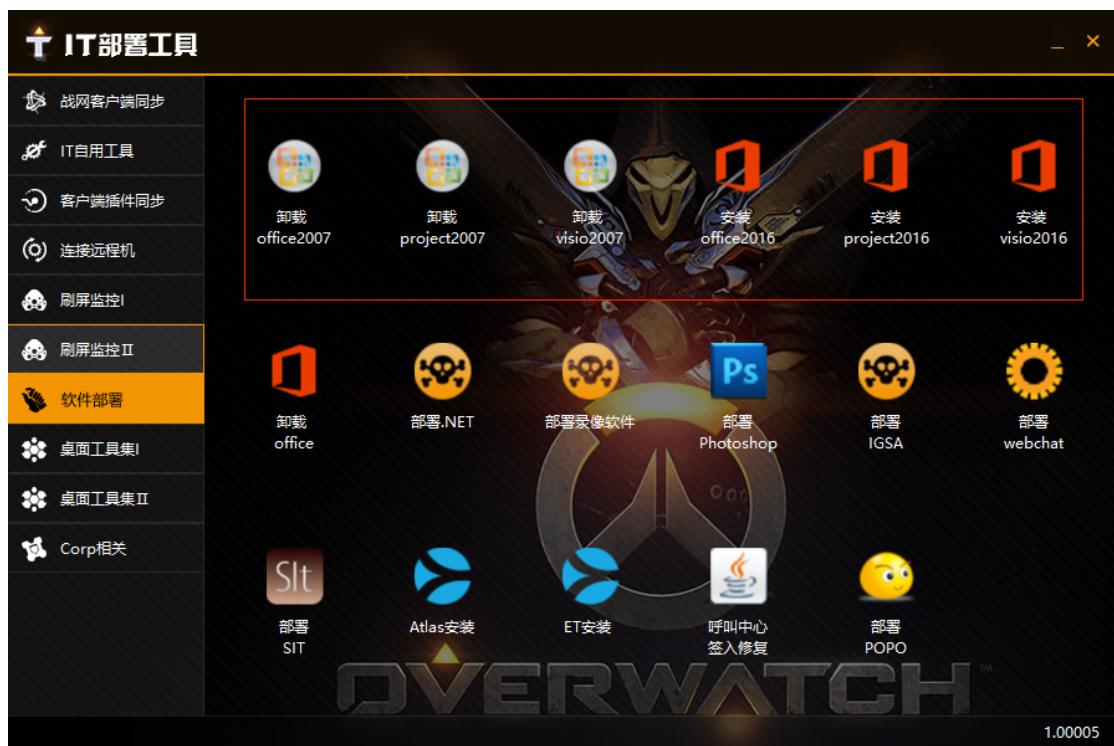
This feature is generally not used actively. It is to query \\fs05\IPset\IPset.xlsx to get the given IP corresponding to this machine number, and set it to the corresponding IP in the table. Generally executed by the domain policy login script.

## Software deployment

Tool description under software deployment category

### Upgrade office to 2016

Make an application and get upgrade privileges, open the IT deployment tool, and find "software deployment."



At this point, there will be 6 related buttons, which will run the first three buttons related to uninstall 2007, because the 2016 version of the installation needs to completely clear the old version. Then install the latter three according to your own needs.

### Deploy .NET

Since the Atlas tool relies on the newer version of .net 4.6.2, it needs to be installed.

By default, newly installed systems have been upgraded to this version by default, and domain policies have also pushed this version.

This tool is only for older machines that have been unused for a long time and that have been installed for a long time. Users who log in to the machine can click on the button to upgrade to .net.

After clicking "Deploy .NET", there is only a prompt for deployment in the lower right corner. The deployment takes a certain amount of time. You can do any other operations but do not log off or shut down. After the deployment is complete, there will be a pop-up prompt.



### Deploy video software

Some colleagues need to grab the plug-in and record the video. This software is suitable for testing. However, the deployment process is more complicated, so this button function can be used for one-click deployment. After the click is successful, wait a little, the deployment process is fully automatic, and the main interface of the recording software will pop up after completion.

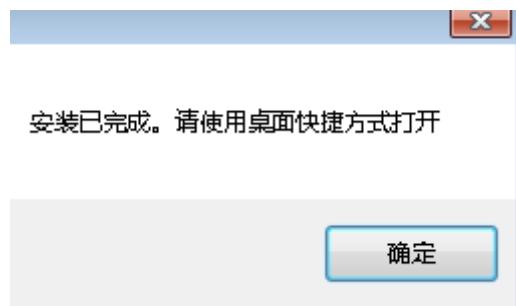




## Install photoshop



Download the Photoshop software to the root directory of the E drive and complete the default installation. Photoshop is for trial use only, if the business needs to apply for the corresponding license.

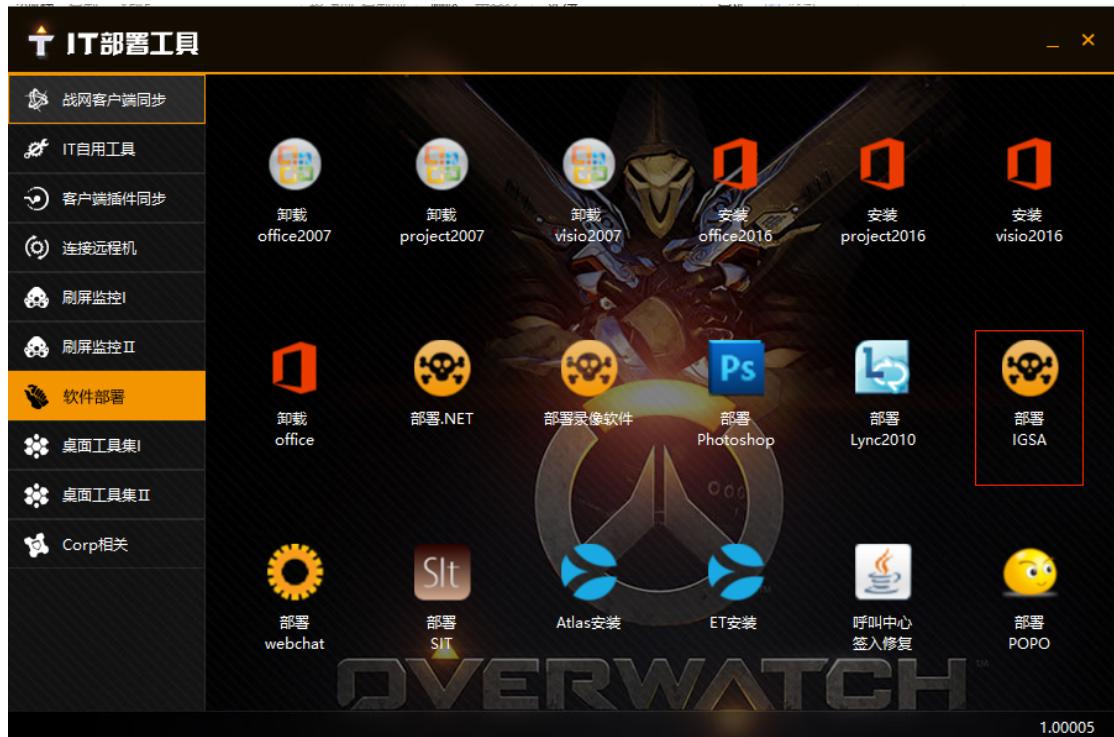


## Deploy Lync2010

For one-click installation and configuration by colleagues who use Lync. The installation process and configuration process are all executed.



### Deploy IGSA



Download the IGSA package folder to your desktop and open the automatic update to the latest version for the first time.

## Deploy webchat



Automatic deployment webchat.

## Deploy SIT

Download the SIT package folder to your desktop and open the update for the first time



## Deploy atlas

Reset local atlas software configuration, uninstall atlas, and auto-reinstall



## Call center check-in repair

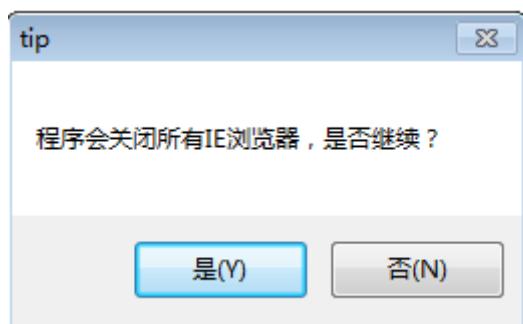
The call center platform is an older platform that we are using, but there is no update and maintenance support from developer.

One of the most common problems on a daily basis is that call centers sometimes fail to sign in. The essence of its problem is that java jre is abnormal, and "check in fix" uses the reset method to fix it. Most problems can be fixed with the "check in fix" and related manual settings of the IT deployment tool.

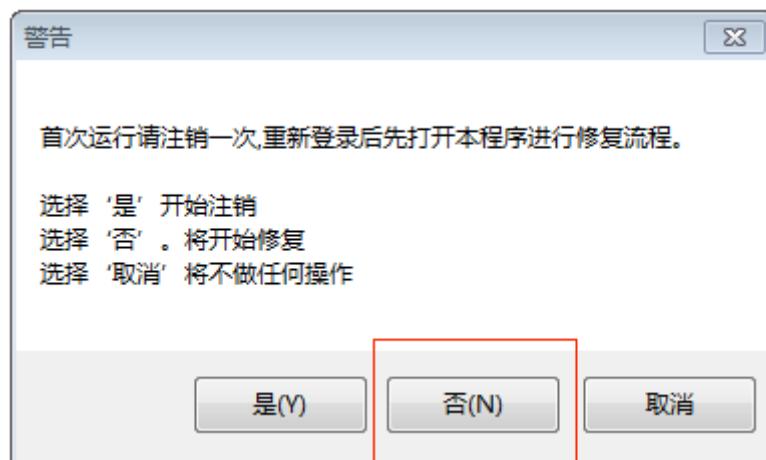
- Close IE after running
- Need to turn off Instant Messenger which will call related components of IE
- Other software that may call the underlying components of IE needs to be temporarily closed
- If the repair fails, it is recommended to log out of the desktop or try again after rebooting.

You can try to use the JAVA settings in "Desktop Tool Set 1" - "Personalized Configuration" to delete the java temporary files. Rerun "check in repair" after completing the operation

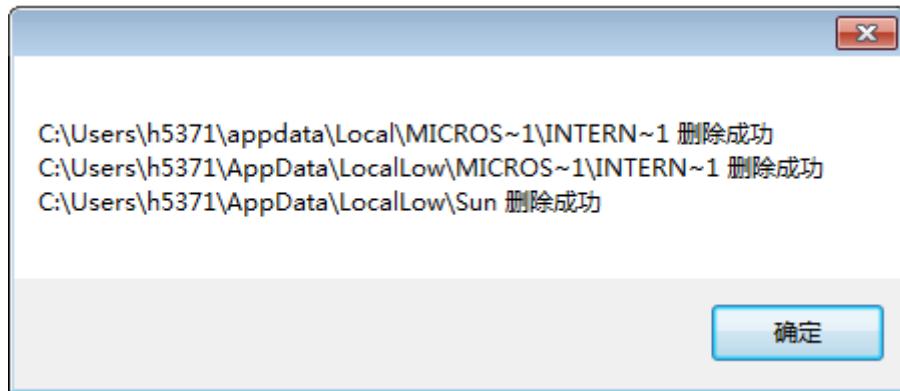
## General repair



The repair process needs to close the IE browser, please make sure that other IE related open services have been saved.



Press "No" directly to start repairing; "Yes" will immediately log out of the desktop and be carefully selected.



The files of these three paths show that the deletion is successful, indicating that the repair operation is valid.

If a failure occurs, please choose to log out or restart and try again. Be sure to turn off the software that may use IE related components.

If the first login is successful after the repair is successful, the pop-up window below may appear. Be sure to check it by the method in the illustration. Proper checkboxing can greatly reduce the likelihood of similar problems.



如果修复成功则在不用继续往下看，如果失败，请尝试下面的方法。

#### Manually delete java temporary files



Java

Java	2015/7/14 14:17	快捷方式
个性化 - 快捷方式	2013/6/8 18:06	快捷方式
更改键盘或其他输入法	2016/5/25 21:30	快捷方式
计算器	2011/11/28 14:30	快捷方式
输入法更换工具(兼容WIN7).exe	2010/1/15 23:32	应用程序
鼠标	2010/12/29 21:09	快捷方式
调整 Windows 的外观和性能	2015/7/6 16:55	快捷方式

Java 控制面板

常规 | 更新 | Java | 安全 | 高级

关于

查看关于 Java 控制面板的版本信息。

网络设置

建立 Internet 连接时需要使用这些网络设置。默认情况下，Java 将使用 Web 浏览器中的网络设置。只有高级用户才应该修改这些设置。

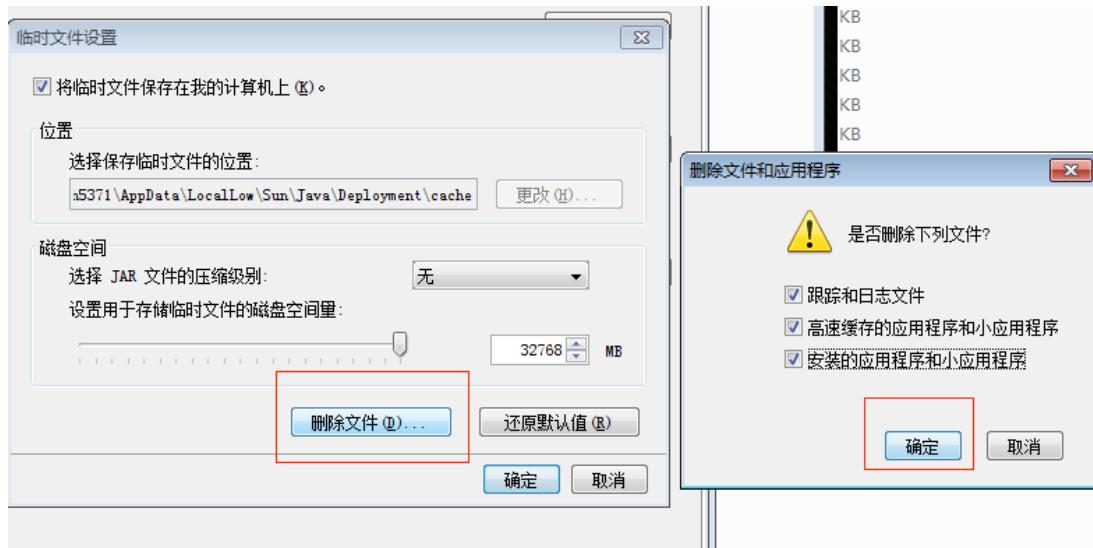
临时 Internet 文件

您在 Java 应用程序中使用的文件存储在一个特殊的文件夹中，以便将来能够快速执行。只有高级用户才能删除文件或修改这些设置。

已启用浏览器中的 Java。

请参见“安全”选项卡

48



Once you've done this, re-click on the "Check in Repair" attempt.

### Install the latest version POPO

The POPO version is continuously updated. Sometimes, in some versions or in some cases, due to the change of the main version and the version on the personal host is not up to date, some exceptions may occur. In this case, the POPO version needs to be manually updated.

Please open the "IT Deployment Tool", click "Software Deployment", and click "Deploy POPO".



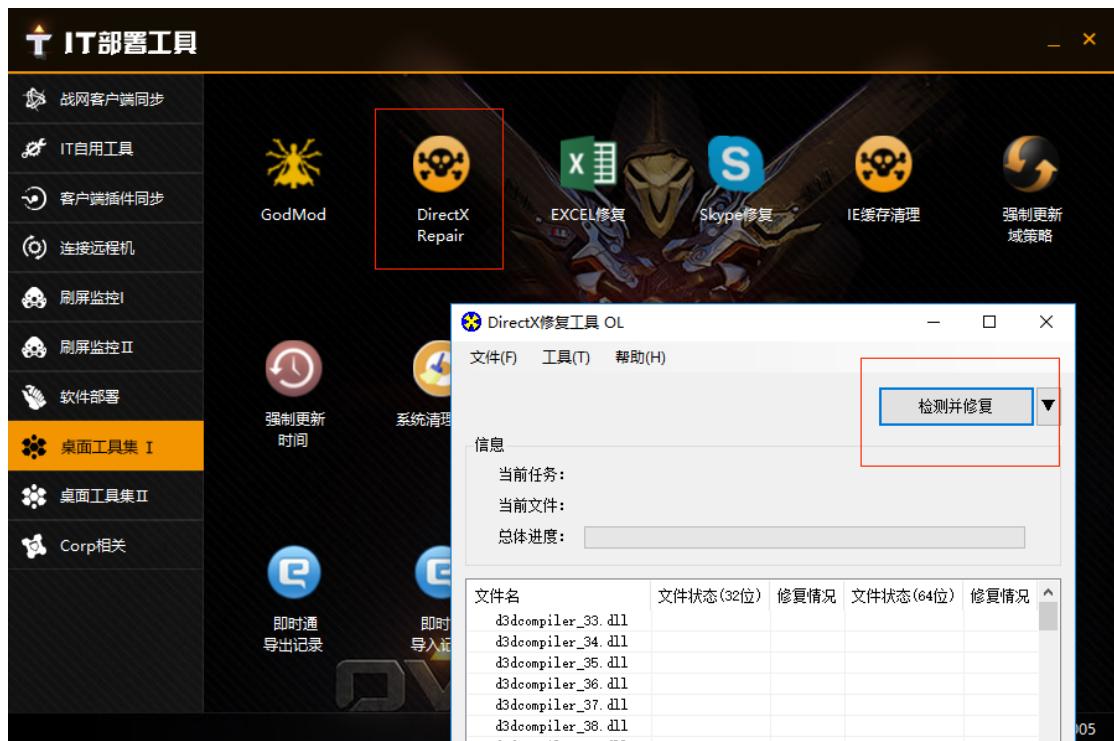
According to the installation prompt that appears, make the default option for the next installation.

### Desktop toolset 1

System Management related desktop support tools

#### DirectX Repair

Linked to this tool. It can repair missing dll files under windows system.



## Excel repair

Fixed "problem when sending commands to program" popup

## IE Cache cleanup

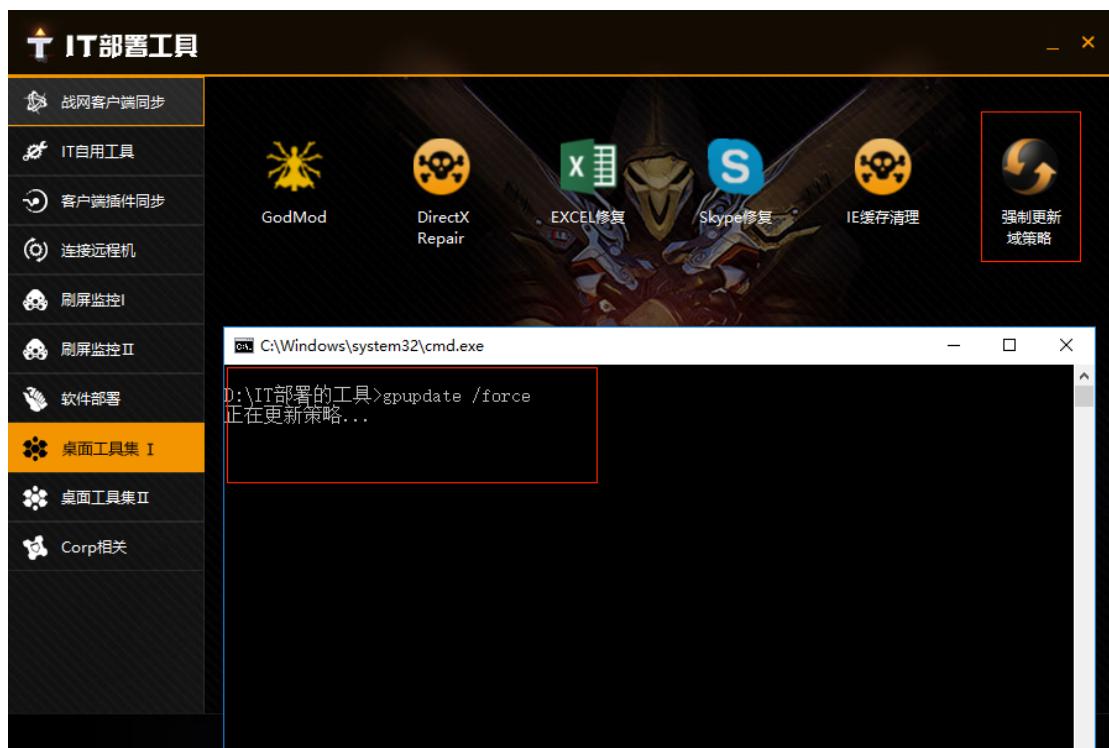
Perform IE cache cleanup.

## Skype Repair

Skype may have some server addresses intercepted by GFW, causing sometimes connection exceptions. In addition to using the wall proxy to achieve accessibility, resetting the default configuration of skype is also a simple and feasible method.

## Force update domain policy

The host may not be shut down for a long time or has a general abnormal state, such that if the shared disk is not visible, the system operation authority is abnormally restricted. Try using this tool to fix it first.



### Forced update time

An intra-domain policy is a policy that does not release the time to change the system itself. This is a security-related policy. However, some hosts have a certain degree of time lag, which may cause some tool software that needs verification time to open abnormalities.

With this button, you can initiate an update time to get the latest time from the DC server.



## System cleaning tool

Automatically scan and clean up system trash

## Personalized configuration

The "Personalized Configuration" folder will be downloaded to the desktop and opened, and you can see some shortcut buttons related to system personalization.

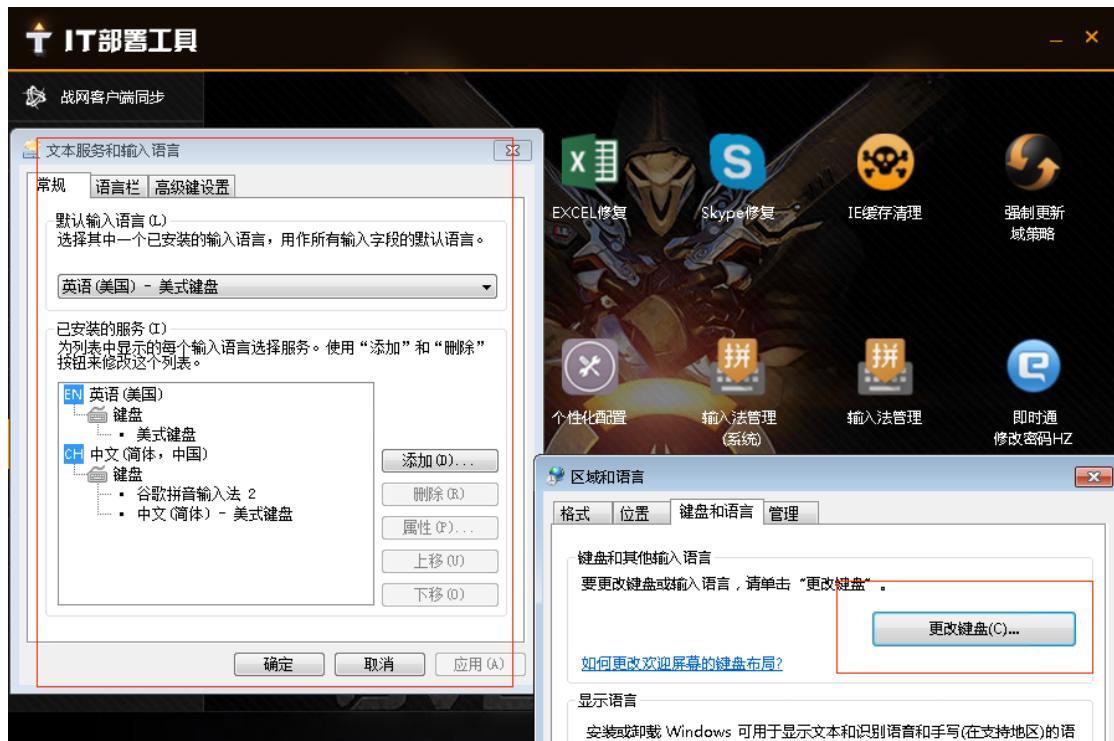
## Input method management

Open third-party input method management tools.



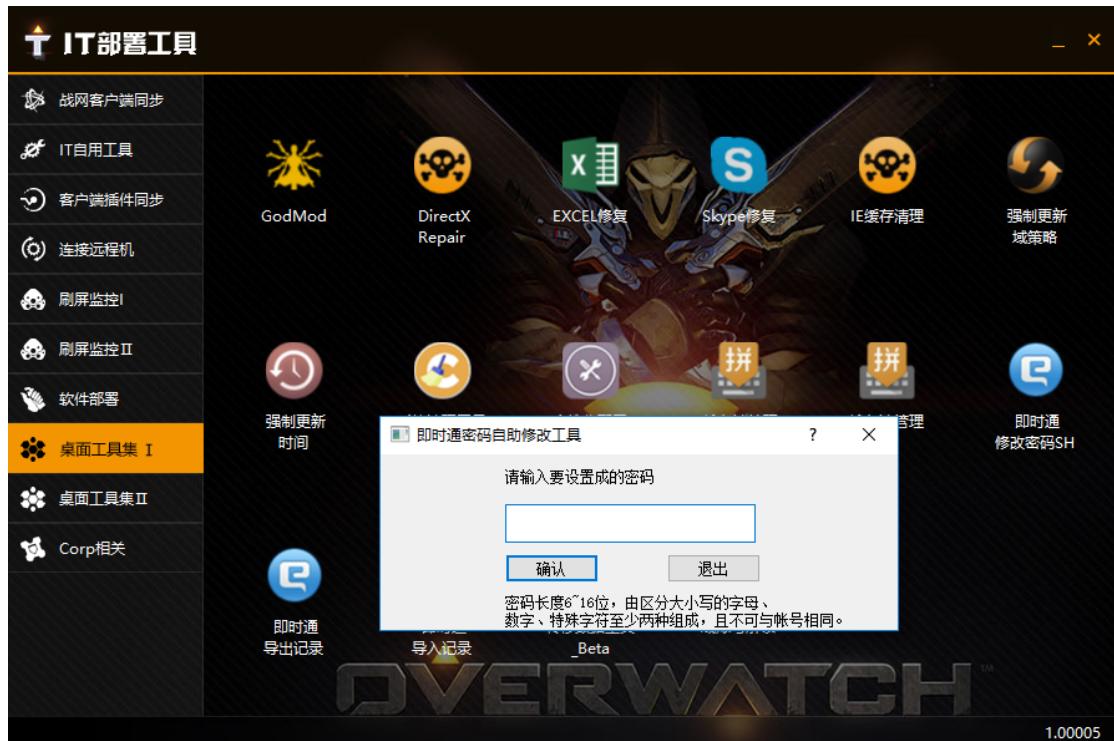
## Input method management (system)

The control panel cannot be opened due to policy restrictions. Here is a way to call this function directly. Directly call the system default input method settings, it is recommended to use this method instead of third-party tools.



## Modify the instant messenger password

You can only modify your personal instant messenger password. Enter the new password directly and wait for the setup to complete.



## Export, import instant messenger record

This situation is a replacement host, but you need to keep an instant messenger chat history.

- Exporting the record will generate a folder for the job number @battlenet.im on the desktop.
- Place the previously exported folder on your desktop and click Import.  
Instant messenger is also initialized when importing, so new users can click "Import" to perform initial configuration.

## Domain account unlock

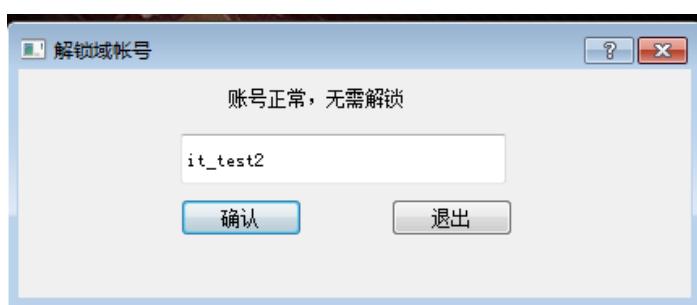
It often appears that you can't log in to the desktop, prompt the account to be locked, or log in to some tools or websites that use domain account authentication, such as postal mail, OGO, points mall, and so on.

- After the account is locked, you can't log in to the desktop. You can use the computer of the colleague to open the IT deployment tool to unlock it.
- If the current login status is only a repeated verification of the domain verification platform, if the internal mail repeatedly pops up and needs to input a password, then open the IT deployment tool to operate.

Open "IT Deployment Tool" and click "Desktop Toolset I" - "domain account unlock"



Enter the account that needs to be unlocked, click the "confirm" button. If the account status is normal, "Account is normal, no need to unlock". If it is locked, "Unlocked successfully" will be displayed after unlocking.

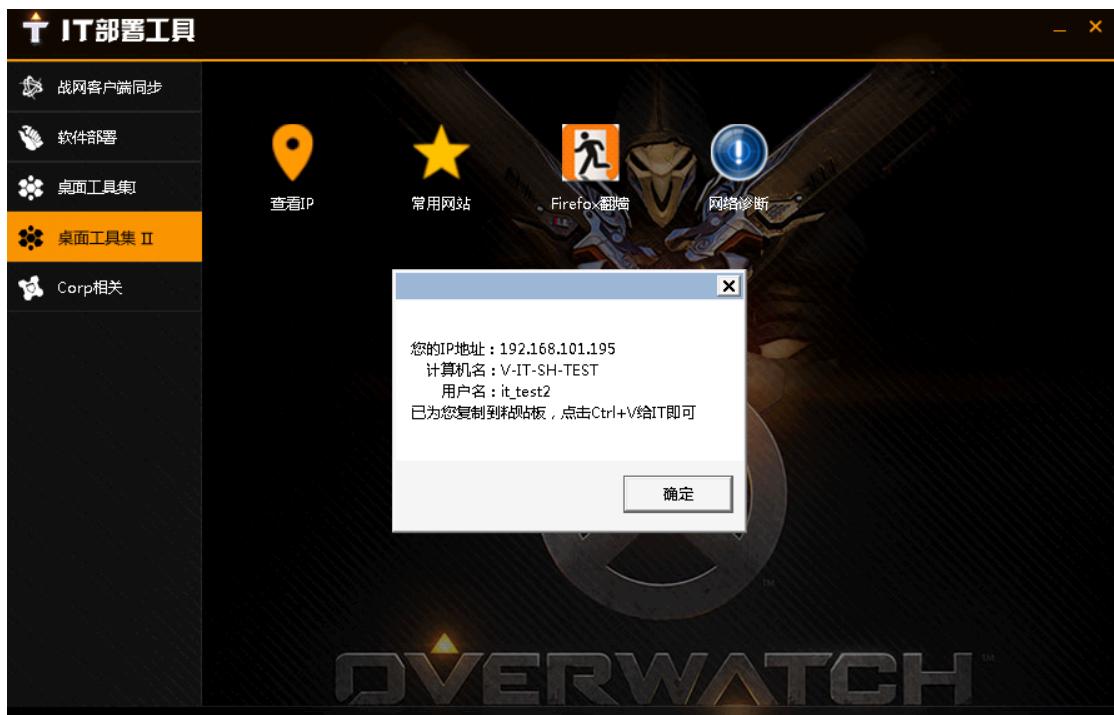


## Desktop toolset 2

Network management related desktop support tools

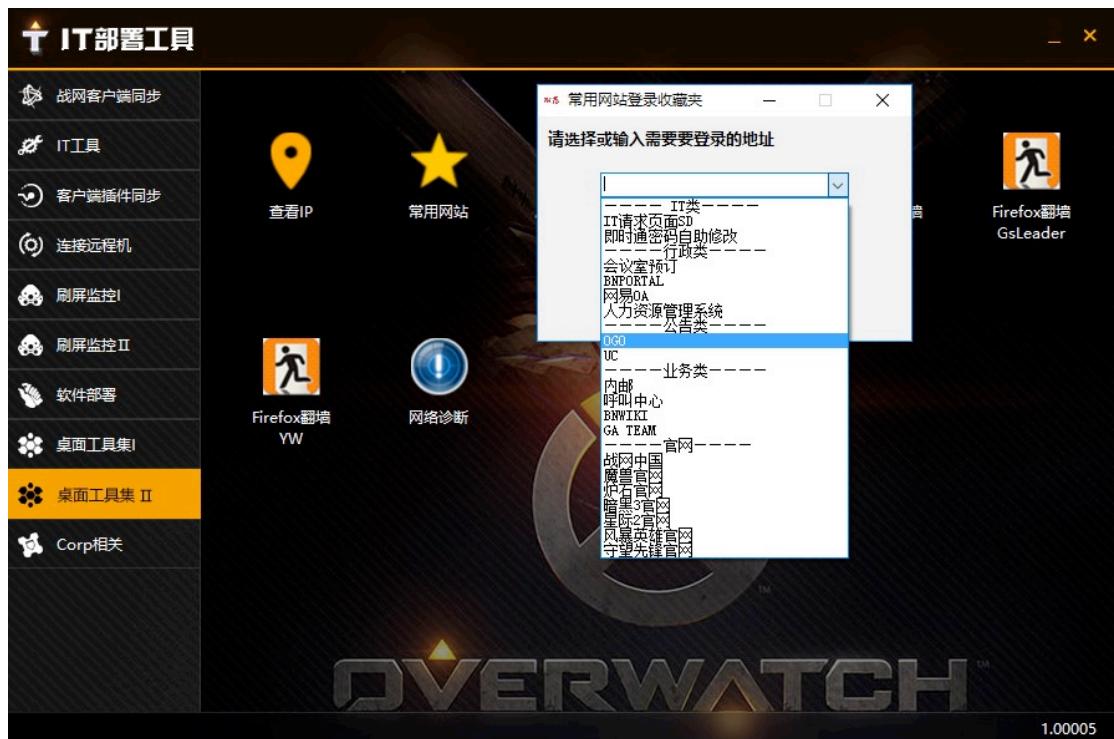
### View local IP

Used to report failures to IT support team when remote assistance is required. You can view the number on the host for reporting, or you can view it by button.



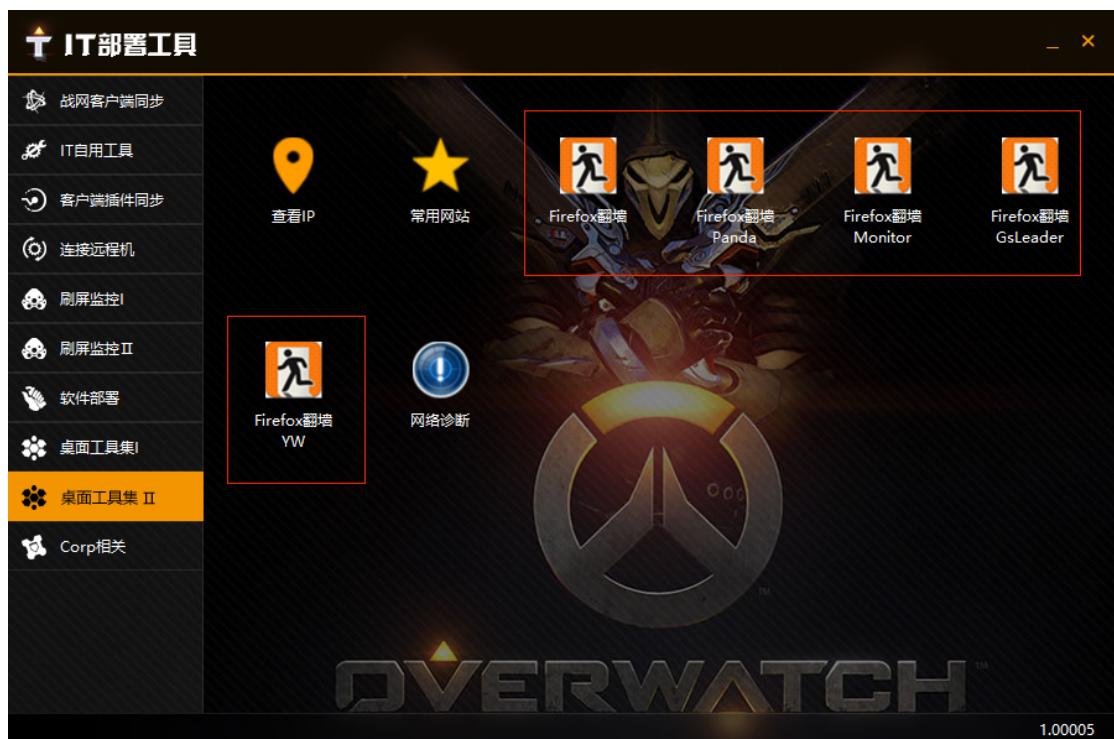
### Common website

Here are the links to the common websites. After selecting and clicking OK, the corresponding website will be opened in IE.



### Firefox over the wall

Firefox's over-the-wall functionality is somewhat different depending on the application of each business unit. It implements the installation of firefox and configures Firefox to use a dedicated over-wall setting to access foreign websites, such as the common main station of Wowhead.



1. If firefox is not installed on this machine, click it for the first time to install firefox.
2. The configuration process for the wall proxy is automatic. When it is finished, it will jump out of the

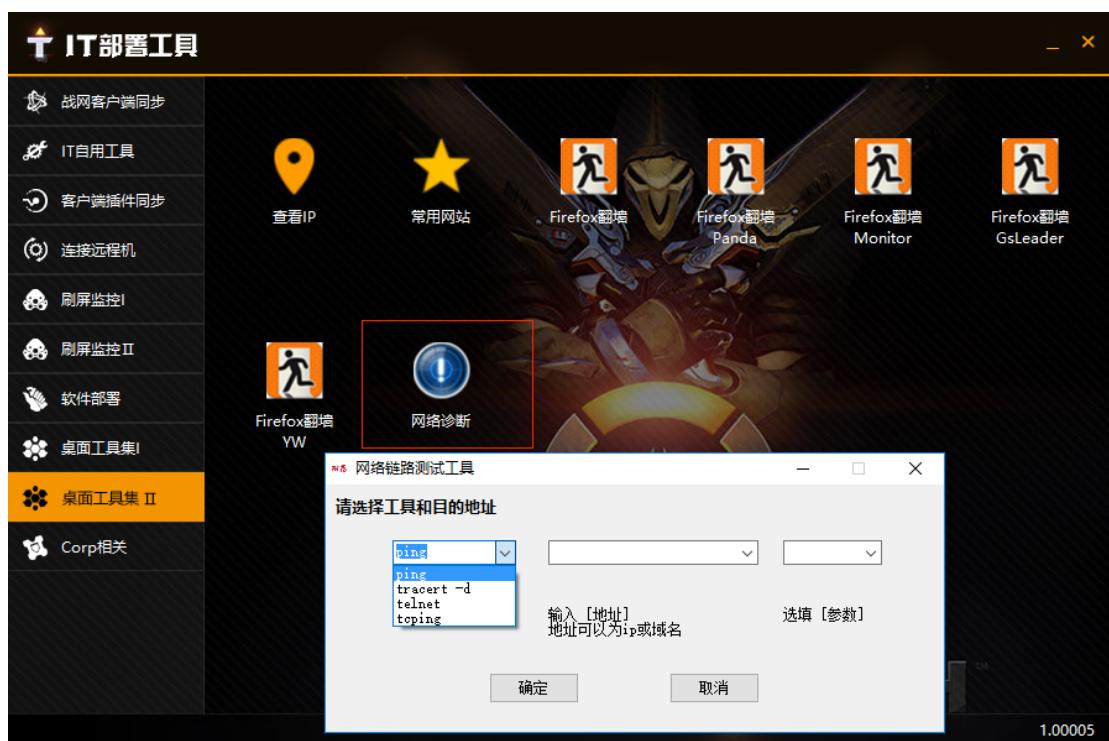
firefox browser and try to visit twitter.com to test whether the wall is successful. If you can access Twitter normally, you can access the applied external network address. If you are unable to access, please contact IT for assistance.

3. If the access address list changes, such as adding an access address, you need to click this button again to reload the configuration file.

## Network diagnosis

We need to do a simple test of the network status, you can try this tool. This tool is associated with common network test tools such as ping, tracert, telnet, and tcping. You can test some network conditions yourself if you have relevant knowledge.

The results of the test are saved on the desktop as a text document.



## Corporate

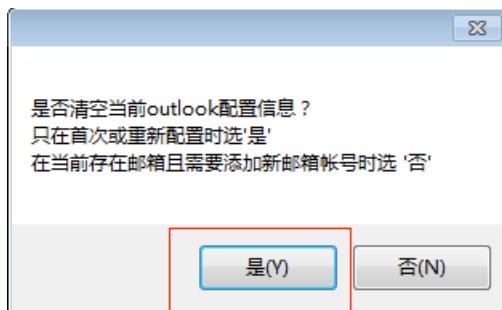
### Outlook internal mail configuration

Configure when you need to use Outlook to receive internal mail.



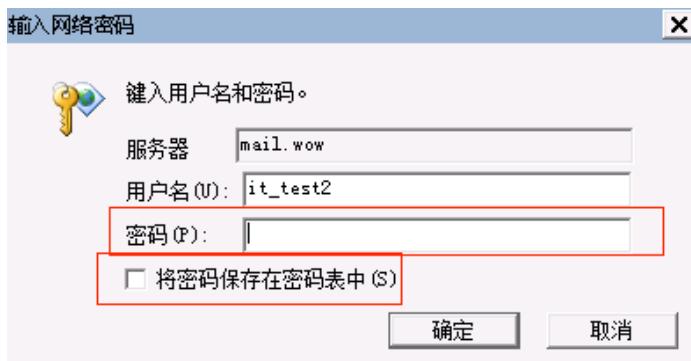
By default, your own domain account will appear

Click OK, the pop-up window appears, click "Yes"



The internal mail account is your own domain account (boot login account)

After the first run is successful, a box for entering a password will pop up, and the power-on password can be entered. Check "Save password in password table" and fill in the power-on password.



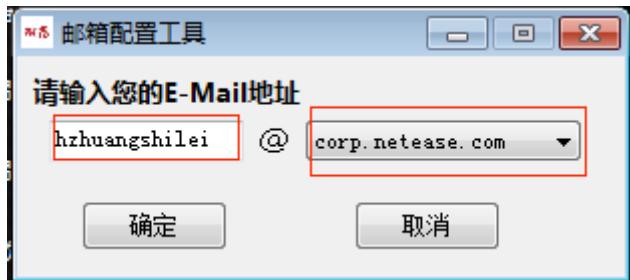
If this password input box appears multiple times, maybe the password is entered incorrectly, and then the account is locked because of too many errors. At this point, you need to unlock the account. After the unlock is successful, you can verify the password successfully.

## Outlook external mail configuration

Open the "IT deployment tool", click "Corp related", click "Mailbox Configuration Tool", divided into two situations:

[Outlook has never configured any email account](#)

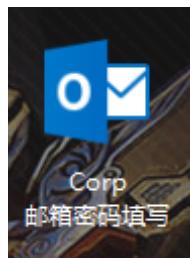
1. Select the mailbox suffix as corp.netease.com and manually fill in the personal email account name. If you are not sure, please check the POPO personal information.



2. Click OK, the pop-up window appears, click "Yes"

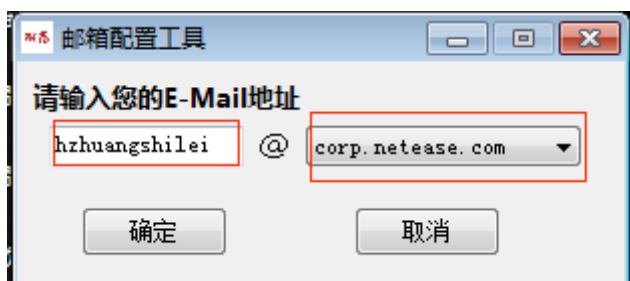


3. Wait for the password to be filled in automatically and receive a new email in the mailbox.

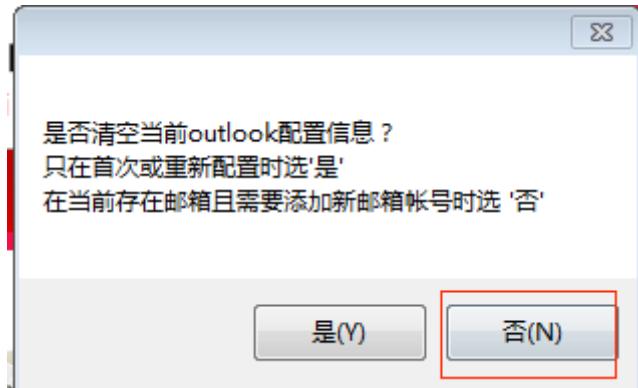


Outlook has a postal account or other email account configuration

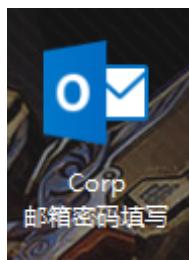
1. Select the mailbox suffix as corp.netease.com and manually fill in the personal email account name. If you are not sure, please check the POPO personal information.



2. Click OK, the pop-up window appears, click "No"



3. Wait for the password to be filled in automatically and receive new mail in the mailbox.

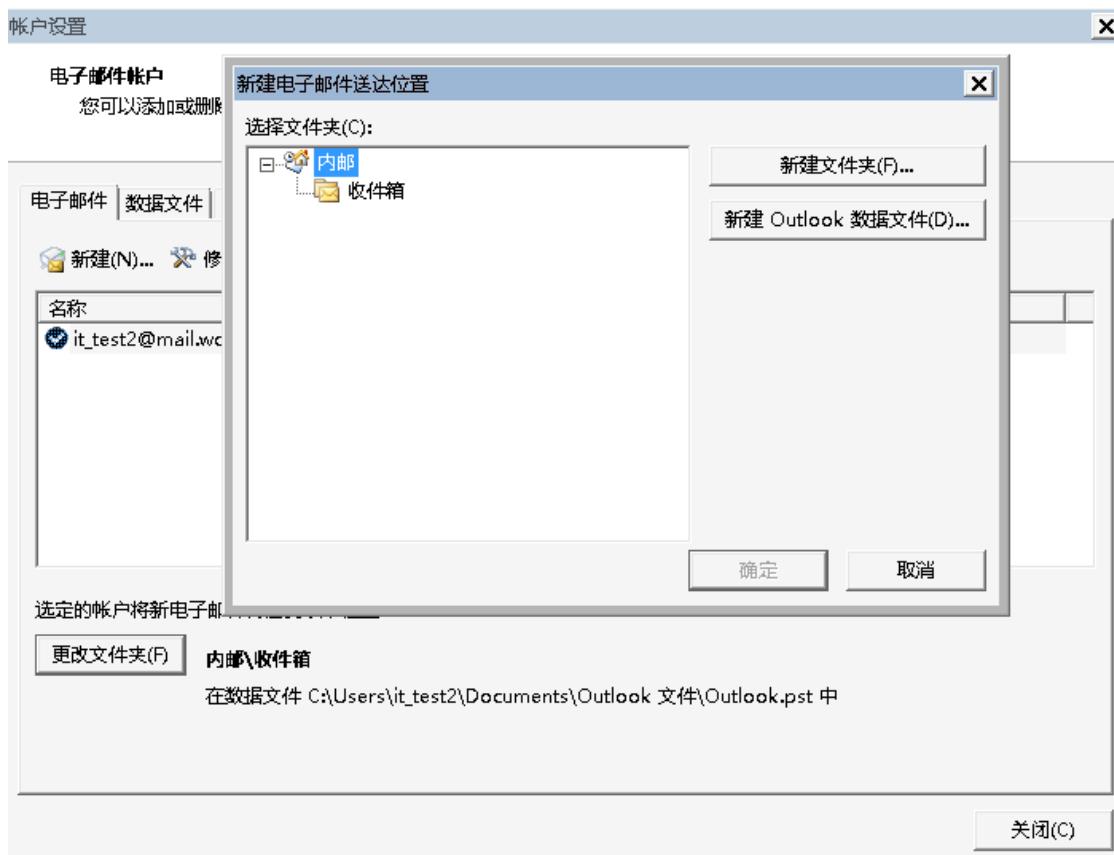


4. When setting up multiple accounts through the tool, its function has certain limitations, that is, the post-configured mailbox data file pointer will overwrite the previous configuration.

Open the following path in Outlook: File - Account Settings - Account Settings, the following location appears.

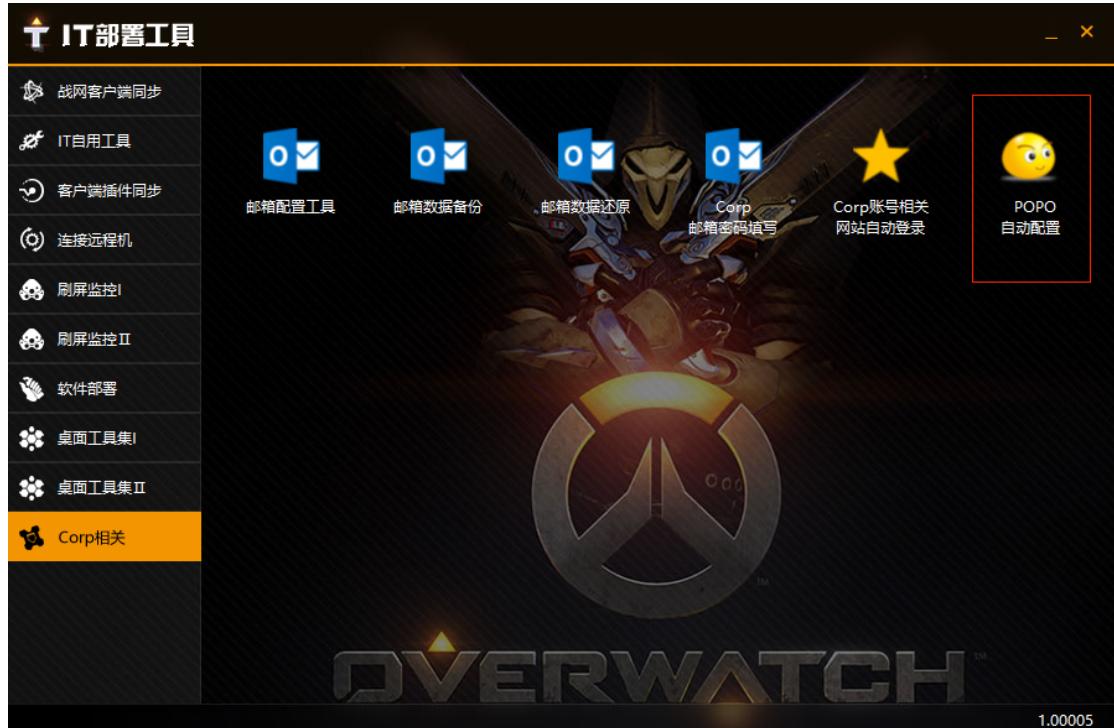
The corresponding path for internal mail is E:\mail\domain-account-wow.pst, and the external mail is E:\mail\ domain-account-corp.pst.

If there is a problem with the correspondence, please click the "Change Folder" of the corresponding account and click the corresponding inbox to associate.



## POPO Configuration

Open "IT Deployment Tool", click "Corporate", click "POPO Auto Configuration"



- Wait for the automatic configuration operation to complete. Do not operate the mouse in the middle

of the configuration until the configuration is complete.

- If the configuration fails or the operation fails in the middle, please click it again.