



# **DCASS Terminal Installation Guide – 19.1 (115B30) BO Client**

Issue Number : 2.2  
Issue Date : 15 Jul 2011

## Amendment History

Version	Date	Modified by	Description
1.0	20-Oct-07	DCASS Project Team	Firstly created
1.1	22-Nov-07	DCASS Project Team	Highlight that license key is the one used in 19.1 DCASS Server
1.2	17-Mar-07	DCASS Project Team	Remove silent installation mode
1.3	5-Mar-07	DCASS Project Team	Revised for new BO version 71102B12
1.4	24-Dec-09	DCASS Project Team	Revised for new BO version 71103B18
1.5	8-Mar-10	DCASS Project Team	Revised for BO version 71103B18
2.0	28-Jun-11	DCASS Project Team	Revised for BO version 115B30
2.1	7-Jul-11	DCASS Project Team	Use a common license key
2.2	15-Jul-11	DCASS Project Team	Common License key highlight

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## 1. Introduction

This document describes the steps on the installation of DCASS Terminal for version 19.1.

### Requirements of Operating System for DCASS Terminals

DCASS Terminal for version 19.1	Operating System
BO V115B30	Microsoft Windows XP Professional Service Pack 2 with firewall disabled (English Version) or Microsoft Windows 2003 Server with Service Pack 2 (English Version) Standard Edition (32 bit Operating System) or Microsoft Windows 2008 Server with Service Pack 2 (English Version) Standard Edition (32 bit Operating System)

**The version to be installed should be matched with the exact Windows version and Service Pack version listed above.**

### 1.1 Terminology

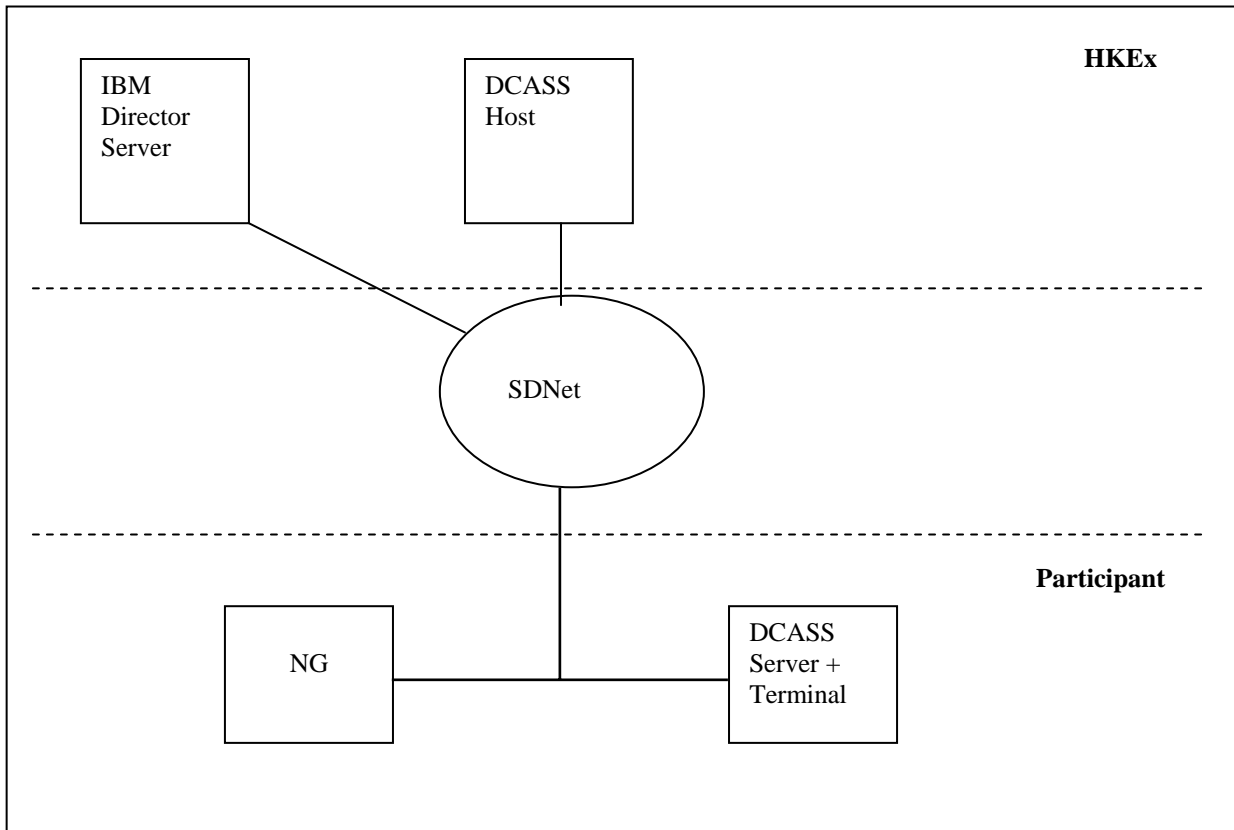
BO	OM SECUR Back Office
DCASS Server	Machine that is installed with server application of OM SECUR Back Office, i.e. BO server application. It can be the same machine of DCASS Terminal.
DCASS Terminal	Machine that is installed with client application of OM SECUR Back Office, i.e. BO client application. It can be the same machine of DCASS Server.
19.1 DCASS Server	Machine that is installed with BO server application of version 19.1.
19.1 DCASS Terminal	Machine that is installed with BO client application of version 19.1.

## 2. Networking

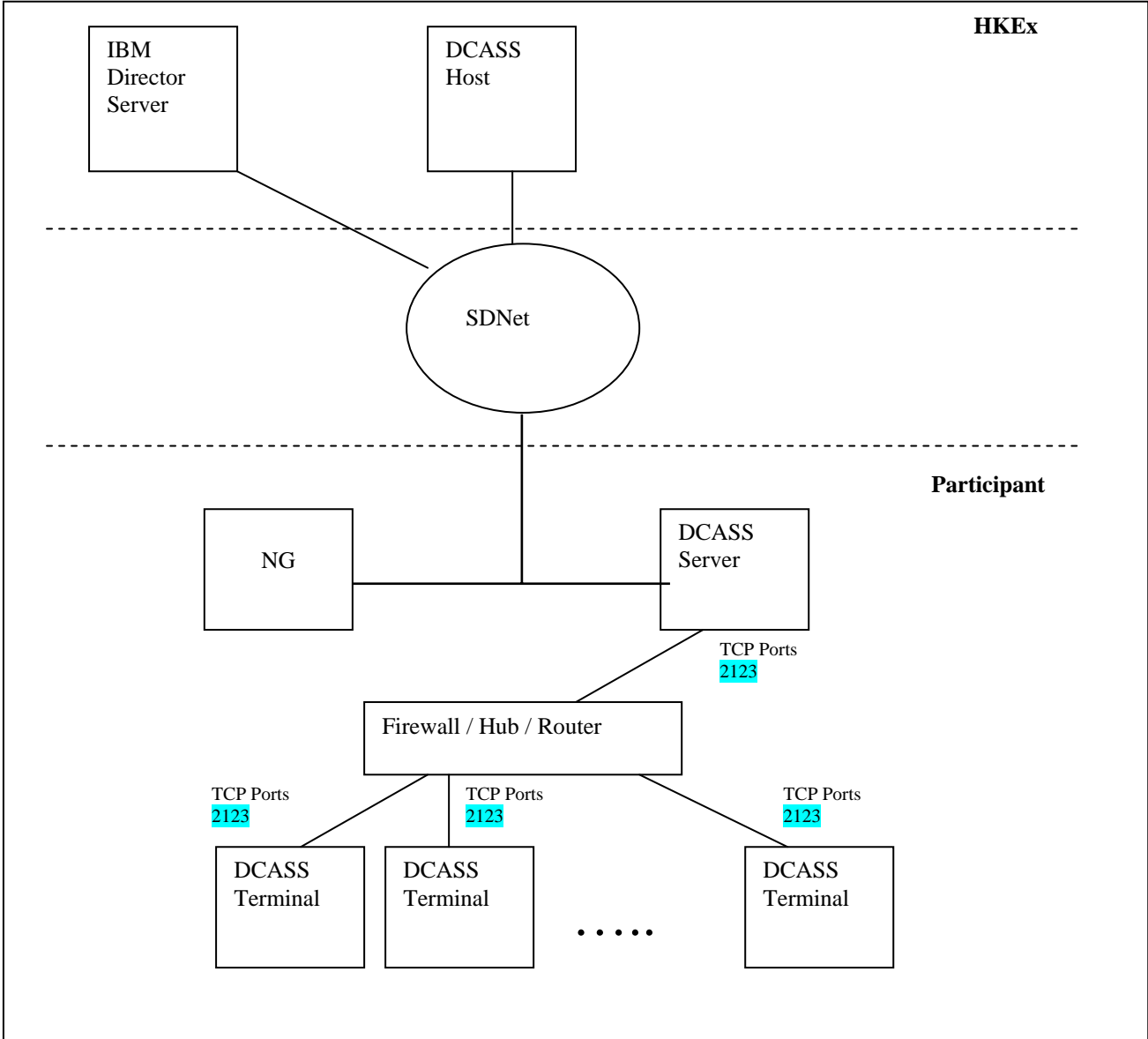
Only the following two kinds of network topology are supported. The DCASS Server ought to be placed before firewall, just similar to how the network gateway (NG) is located.

### Topology 1: Both DCASS Server & Terminal are in the same machine

Remark: Installation of DCASS Server + Terminal can only be performed by HKEx's authorized vendors



Topology 2: DCASS Server & Terminal(s) are in different machines



### 3. Pre-requisite

- Make sure network is set up properly before installation
- Make sure Microsoft Visual C++ 2008 Redistributable (x86) has been installed
- Make sure the installation package is available, **BOPC\_Package\_115B30\_Standalone\_Client.ZIP**, that mainly consists of:
  - **BO\_19\_1\_0115\_12\_\_B030.EXE**
- Make sure the installation data sheet has been obtained for DCASS Server installation

## 4. DCASS Client Application Installation

### 4.1 19.1 BO Client Installation

#### 4.1.1 Logon as Administrator to the machine which is to be installed with BO client application

- Extract the installation package “**BOPC\_Package\_115B30\_Standalone\_Client.ZIP**” onto C:\
- After the above extraction, the following folder will appear: **C:\dcass**

#### 4.1.2 Verify and Update hosts table

- Check the file ‘**hosts**’ in the folder c:\windows\system32\drivers\etc to see if there exists an appropriate entry for the DCASS Server including its computer name and IP<sup>(\*)</sup>.  
E.g. 192.xxx.xxx.xxx XYZWA5 or  
10.xxx.xxx.xxx XYZWA5 or  
172.xxx.xxx.xxx XYZWA5  
\* If there are more than one network card in the DCASS Server, the IP of the DCASS Server used to communicate with the remote DCASS terminal should be used.
- If the above host table entry does not exist and DNS server is not used, insert an entry in the **hosts** file accordingly. Please refer to your internal network team for the setup if DNS server is used instead of host table.
- After verifying/saving the hosts file, ping the DCASS Server computer name at the command prompt to confirm the connectivity. E.g. > ping XYZWA5

Actions :

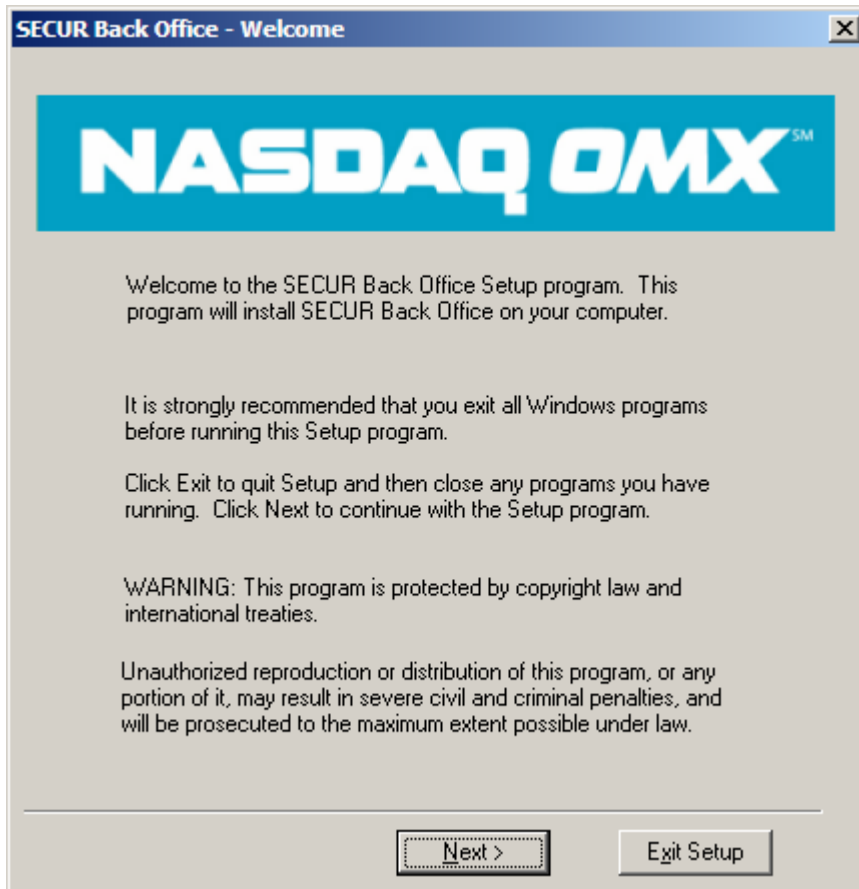
1. Record down the new license key for subsequent installation.
2. Click “OK”

#### 4.1.3 Installation step by step

Double click the program:

c:\dcass\script\ **BO\_19\_1\_0115\_12\_\_B030.EXE**

#### 4.1.4 Welcome Dialog



Actions :

1. Read the text
2. Click "Next"

### 4.1.5 Registration Dialog

SECUR Back Office - Registration

**NASDAQ OMX<sup>SM</sup>**

Click the type of Setup you prefer

Install SECUR Back Office Client

Install SECUR Back Office Server

Install both SECUR Back Office Server and Client

Registration Information

Please enter your name, the company name and the license key in the fields below.

Name: XYZWA5

Company: XYZ

Licence Key: 12-0-1-22-0123-5-50123221012

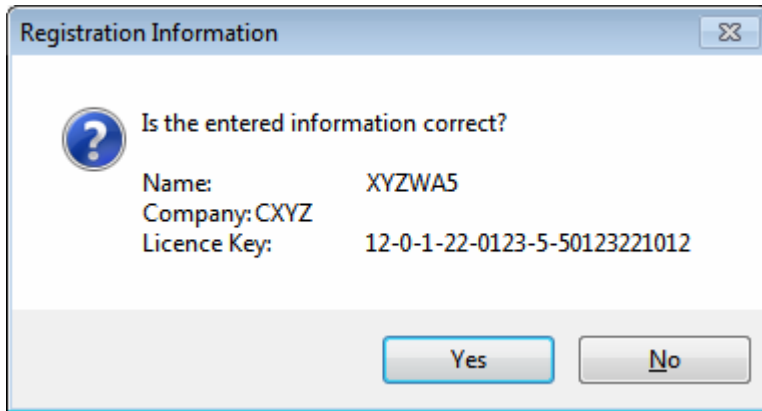
Buttons: Help, < Back, Next >, Exit Setup

**Assumption: Your Clearing Participant code is XYZ**

Actions :

1. Select “**Install OMX SECUR Back Office Client**”
2. Refer to section II (DCASS Server – Registration Dialog) of installation data sheet to fill in the values **except the License Key which is hard-coded for all installations as specified below in item 5.**
3. Enter “Name” (i.e. the DCASS Server’s computer name)
4. Enter “Company”
5. Enter “Licence Key” (i.e. **12-0-1-22-0123-5-50123221012**)  
**[note: DO NOT input the old one in your datasheet or the default value displayed]**
6. Click “Next”

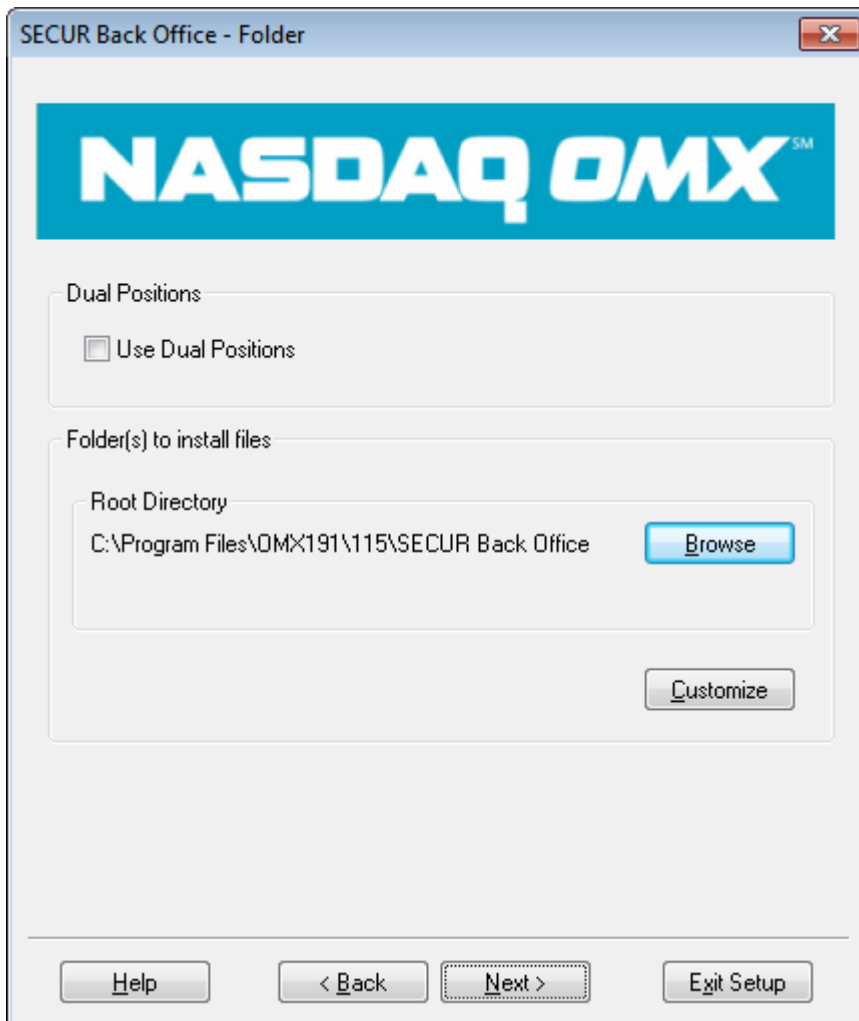
#### 4.1.6 Confirm registration information



Action :

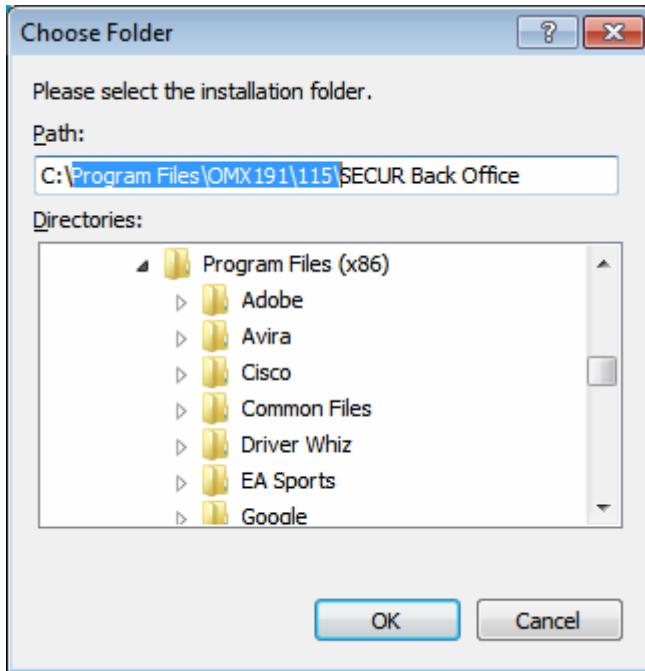
1. Click "Yes"

#### 4.1.7 Folder



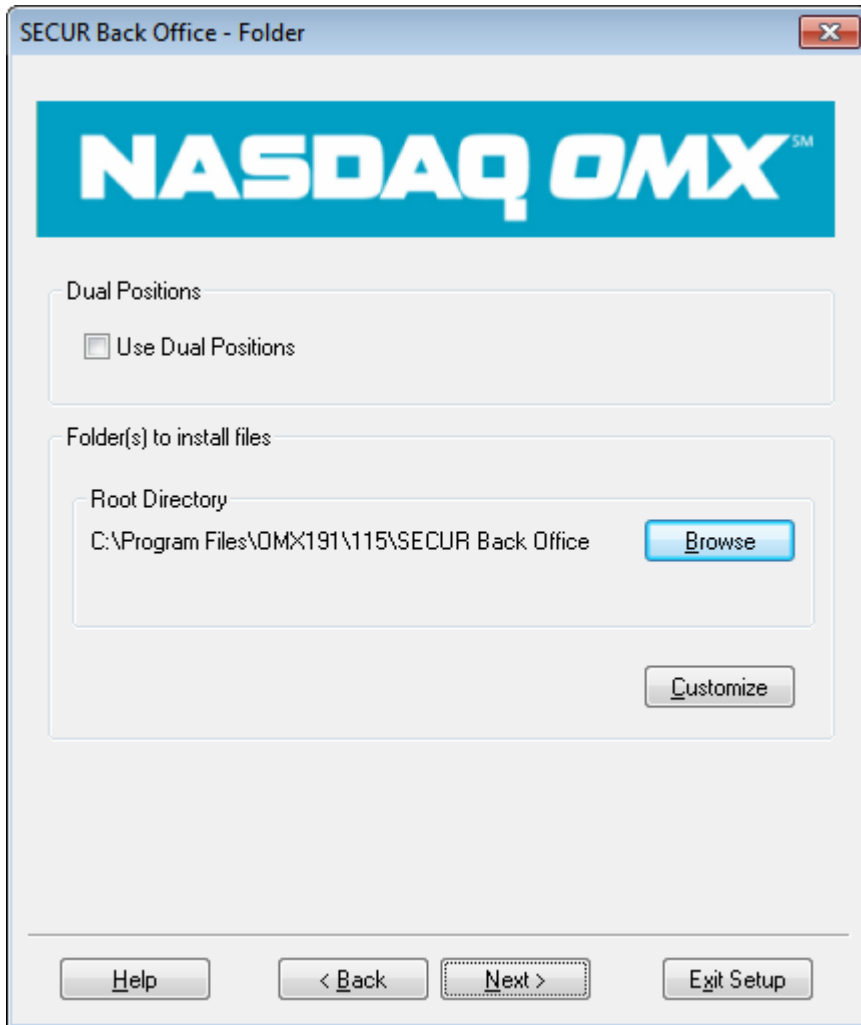
Action :

1. Click “Browse” to input root directory.



Action :

2. Input “C:\Program Files\OMX191\115\SECUR Back Office”.
3. Click “OK”.



Action :

4. Click “Next” to continue

### 4.1.8 Client Setting

SECUR Back Office - Client Settings

**NASDAQ OMX<sup>SM</sup>**

Server Connection

Server node: XYZWA5

Socket number: 2123

Application Title

Text in application title. This can be e.g. Company name. CXYZ 115B30

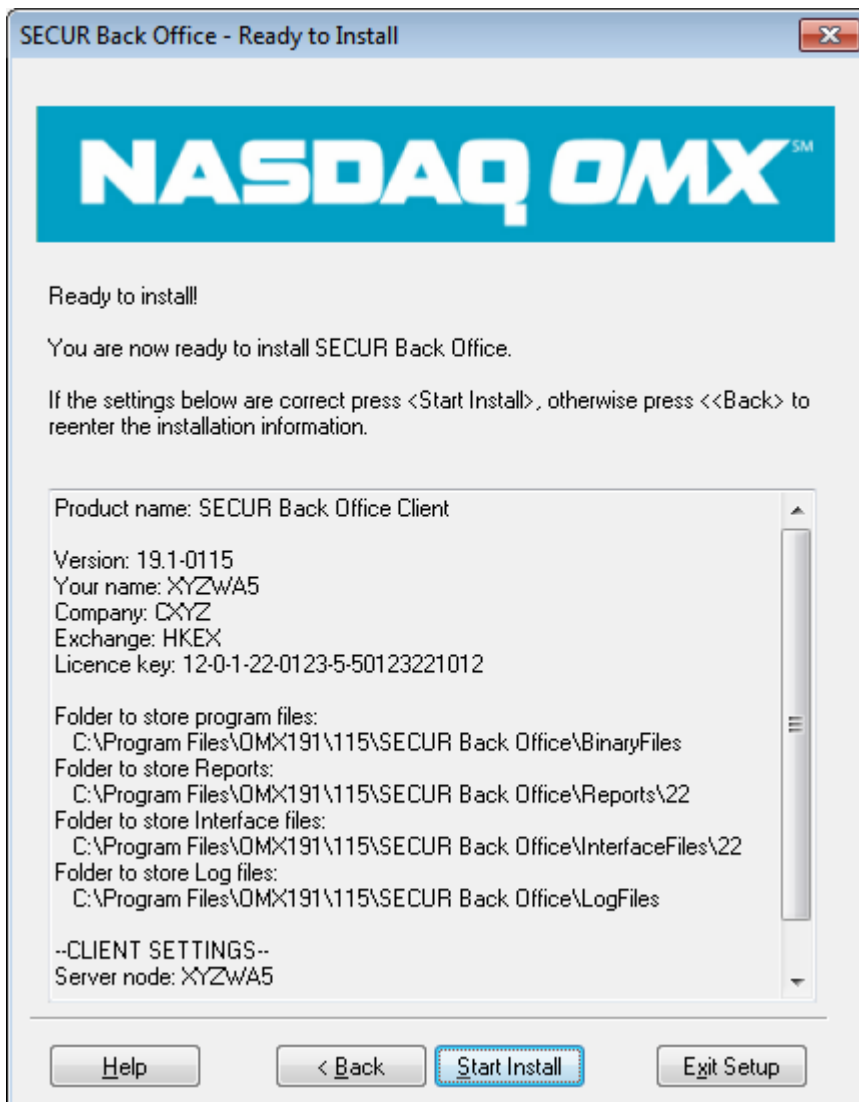
Help < Back Next > Exit Setup

**Assumption: Your Clearing Participant code is XYZ**

Actions :

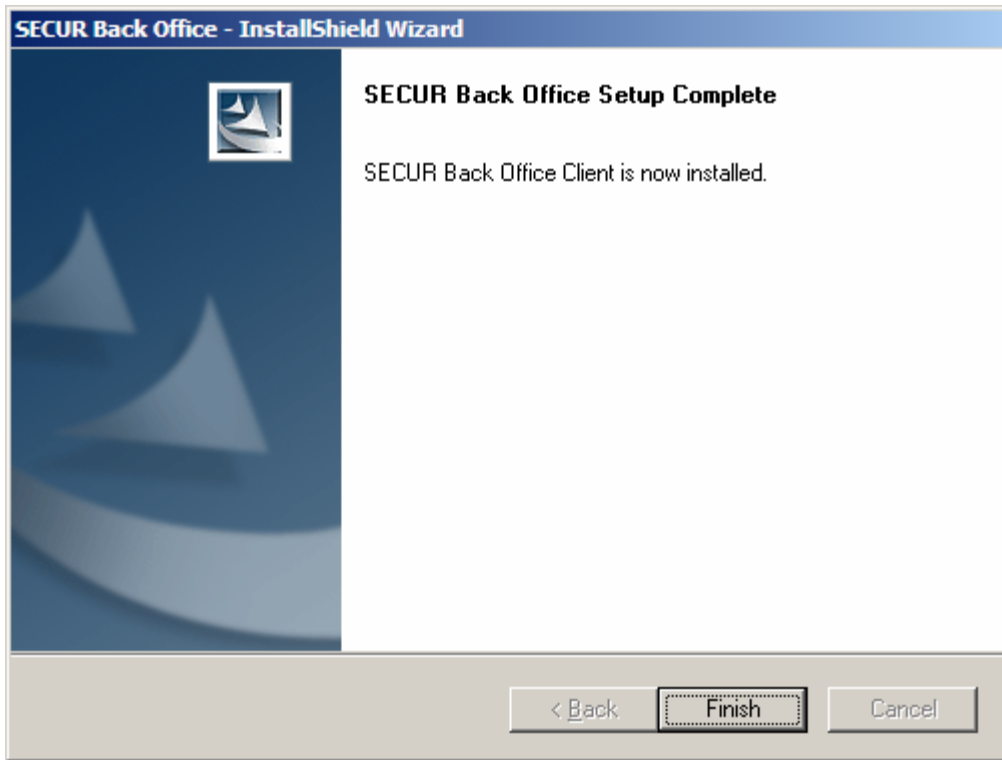
1. Refer to section II (DCASS Server – Client Settings) of installation data sheet to fill in the values.
2. Enter “Server Node”. (i.e. **DCASS Server’s computer name**)
3. Enter “Socket Number”. **2123**
4. Enter “Application Title” as **CXYZ 115B30**, where **XYZ** refers to the 3-char participant code, i.e. the first three character of the server node
5. Click “Next”

#### 4.1.9 Ready to install



Actions :

1. Verify the information in the screen
2. Click “Start Install” to proceed if everything is fine. Otherwise, click “<Back” to go previous dialogue box to rectify.



Actions :

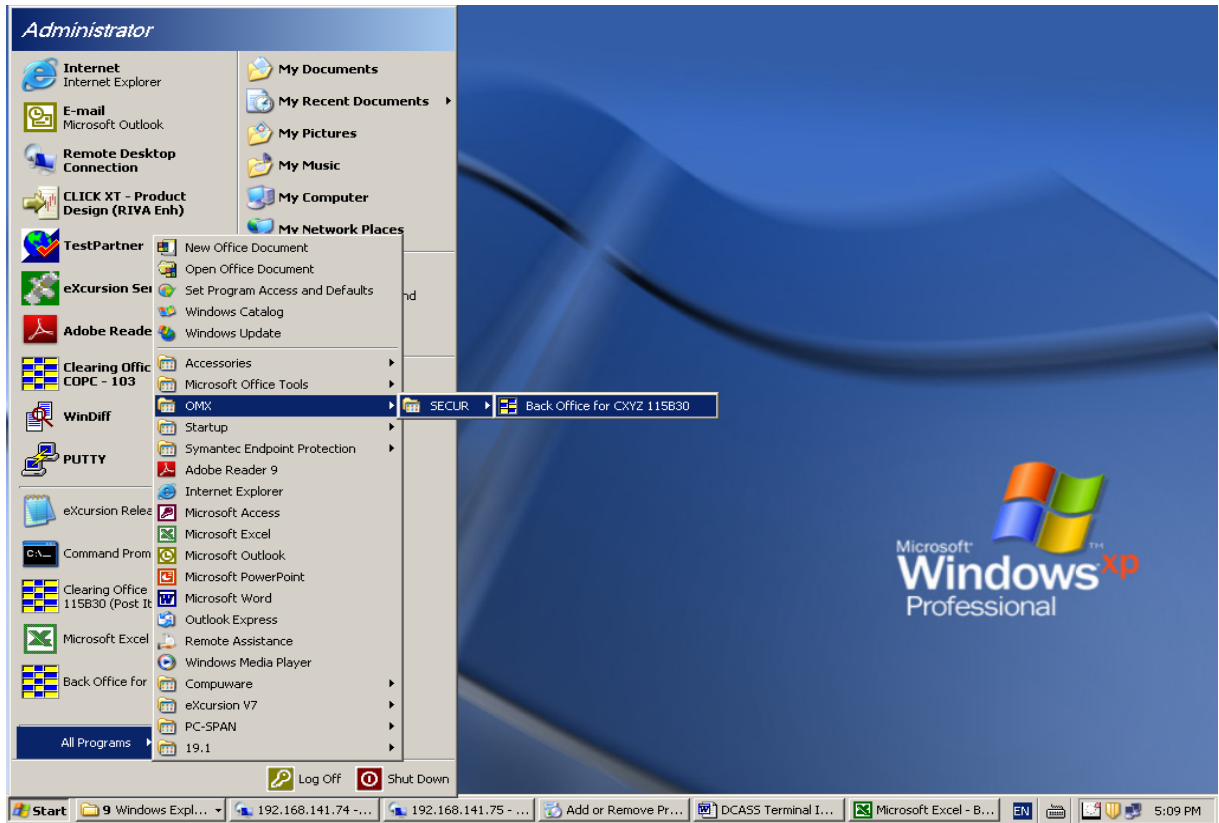
1. Click "Finish"

#### 4.1.10 Restart DCASS Terminal

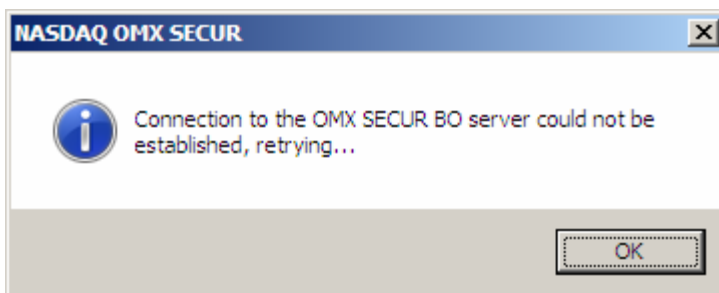
## 4.2 Post installation verification

### 4.2.1 Run 19.1 BO Client Application

1. Select Start → Program → **OMX** → SECUR → Back Office for XXXX **115B30**



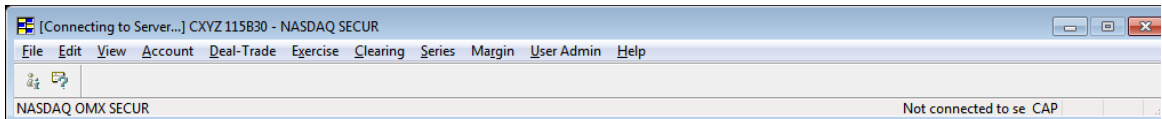
2. The following message may be shown if BO Client Application cannot connect to DCASS Server.



Click “OK”

3. You will see the following screen if you install BO Client Application successfully

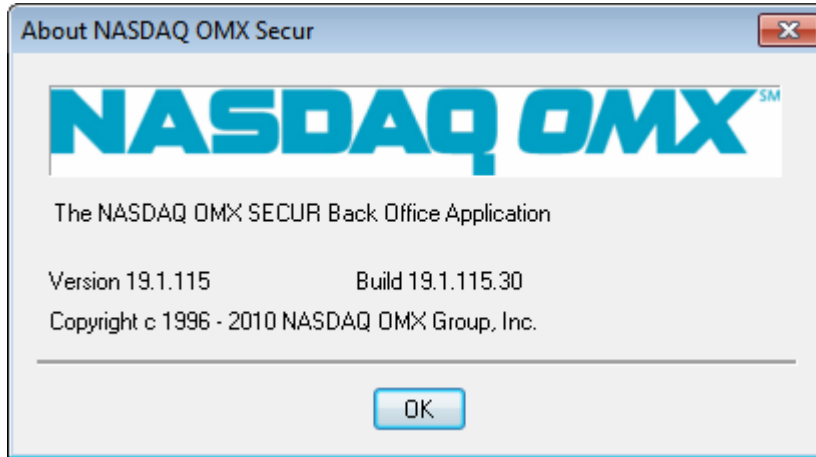
4.



#### 4.2.2 Verify version of BO Client Application

1. Select “**Help**” -> **About NASDAQ OMX Secur**

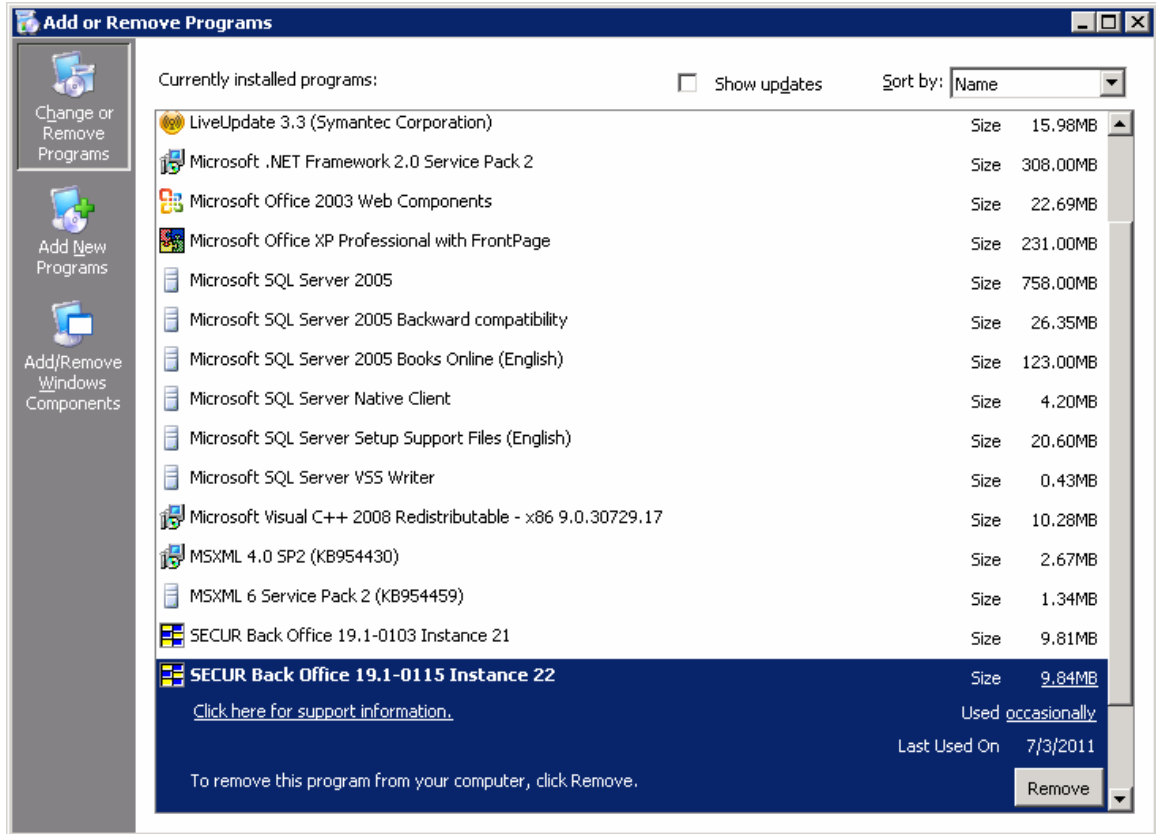
The following About Information screen will be prompted.



## 5. Appendix A – Uninstall BO Client Application from DCASS Terminal

### 5.1 Logon as administrator into DCASS Terminal

### 5.2 Start Program and Feature to start uninstall BO Client Application



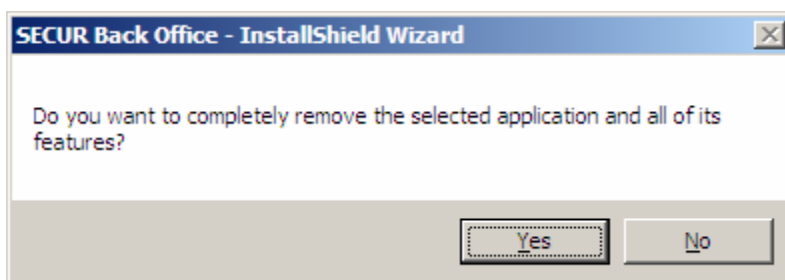
#### Action for un-install **old version** of DCASS application **before** DCASS Software Upgrade

1. Go to **Start** → **Setting** → **Control Panel** → **Program and Features** → **SECUR Back Office 19.1-0103 Instance 21** (Press Uninstall)

#### Action for un-install DCASS application **after** DCASS Software Upgrade

1. Go to **Start** → **Setting** → **Control Panel** → **Program and Features** → **SECUR Back Office 19.1-0115 Instance 22** (Press Uninstall)

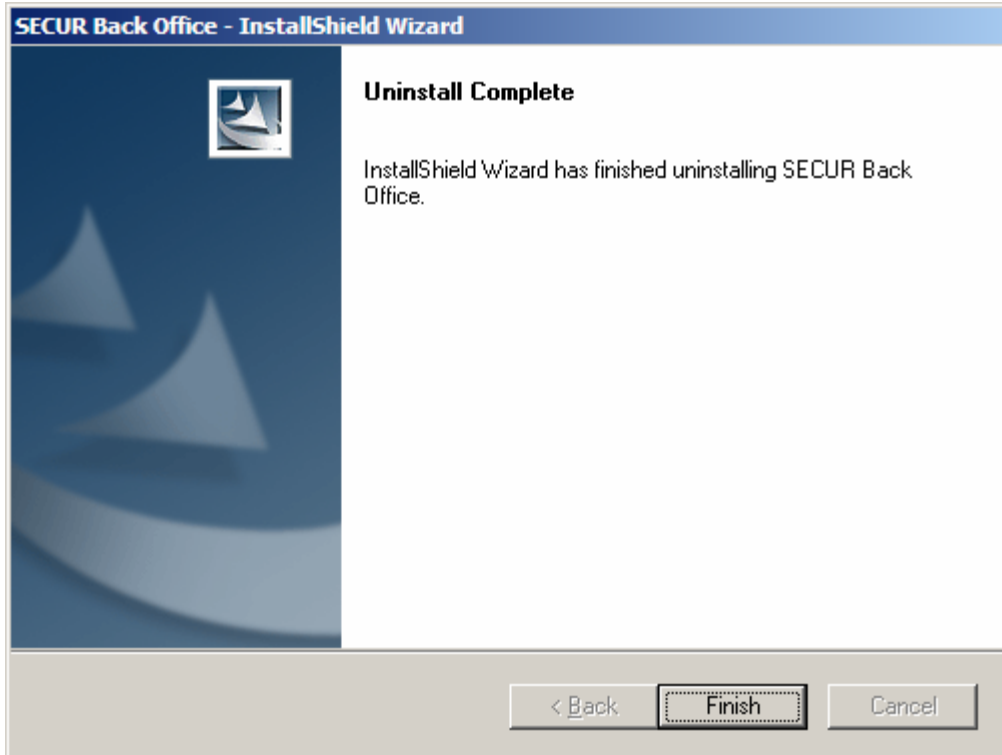
1. Confirm File Deletion



**Action**

1. Confirm the removal of the Back Office by click “Yes”

2. Remove Programs From Your Computer



**Action**

1. When the removal is done, click “**Finish**” button to complete installation.

3. Reboot DCASS Terminal