

Download Center User manual

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1 INTRODUCTION

1.1 General description

The Download Center is an application that uses different means for downloading information from the Agents' Web, including:

- Results of the Daily and Intra-day Market sessions
- Results of the settlements:
 - Annotations and market settlements files (ZIP)
 - Settlement Results (XML)
 - Monthly market settlement documents (PDF)
- Invoicing documents and other electronically signed documents
- Historical information

The application includes means for manually downloading multiple files as well as an Automatic Downloading means, which may be left operating for a prolonged period of time.

1.2 Main characteristics

The Download Center has been designed to be completely installed in the user's PC and after the initial installation it may operate independent of the browser. Therefore, once installed the Download Center may be started using the new shortcut that is available on the desktop or from the Windows program menu without having to previously connect through Internet Explorer.

This mode of operation incorporates the following characteristics:

- Unattended execution of the Automatic Download from the Download Center for a prolonged period of time is more stable than if it is carried out through the browser because it internally uses the Web Services technology and not the browser as an intermediary.
- The application specifically controls the periods during which the Agents' Web is shutdown for maintenance as well as the times when it is operating in the emergency environment, automatically switching between this mode and the main environment.
- The application is updated automatically when OMIE releases new versions through a standard mechanism of the JVM (Java Virtual Machine) from Sun, called WebStart. This mechanism controls the manner in which the first installation of the application is carried out, the creation of shortcuts for executing the application and some configuration options for the execution mode.
- Shortcuts to reduced versions of the Download Center have been created for cases where access is granted to specific documents from the Agents' Web (for example, when viewing invoicing documents from the Settlements and Financial Products Dashboards). This reduced version of the application is installed at the user station as an independent application called "Manual Download".

1.3 Document structure

The contents of this manual have been divided into the following chapters:

- Chapter 2 describes the configuration requirements and the installation procedure of the Download Center.
- Chapter 3 describes the operation of the Download Centre's different options and mechanisms.
- Chapter 4 describes the operation of the Manual Download application.
- Chapter 5 describes the modifications required for using the Download Center via a proxy.

2 CONFIGURATION AND INSTALLATION

2.1 Configuration of the user station

The browser configuration required for the Download Center does not require any additional steps other than those described for accessing the SIOM-AM system (refer to document "*Station Setup Guide to Access OMIE Information Systems*").

Prior to performing the installation, if you wish to automatically create a shortcut on the Windows desktop, this option must be enabled in the Java Control Panel. To accomplish this, the following steps must be taken:

Start \rightarrow Control Panel \rightarrow Java (32 bits) \rightarrow Advanced

In "Shortcut Creation" select the "Always allow" option.

📓 Java Control Panel	X
General Update Java Security Advance	ed
Settings Debugging Default Java for browsers Default Java for browsers	
	OK Cancel Apply

In some cases, after starting "Download Center" the following exception occurs:



This error is due to the incorrect configuration of JAVA, which prevents the application from booting. To solve this problem, change the settings from the control panel.

The said setup is found in:

🍰 Java Control Panel 📃 📼 📷	
General Update Java Security Advanced	
About View version information about Java Control Panel.	
Network Settings	Temporary Files Settings
Network settings are used when making internet connections. By default, Java will use the network settings in your web browser. Only advanced users should modify these settings.	Location Select the location where temporary files are kept:
Network Settings	4dministrator\AppData\LocalLow\Sun\Java\Deployment\cache
Temporary Internet Files	Disk Space
Files you use in Java applications are stored in a special folder for quick execution later. Only advanced users should delete files or modify these settings.	Select the compression level for JAR files: None Set the amount of disk space for storing temporary files:
<u>Settings</u> <u>V</u> iew	1000 ± MB
OK Cancel Apply	Delete Files Restore Defaults OK Cancel

From here, activate verification "Keep temporary files on my computer".

On the other hand, it has been detected that on some occasions, when executing the Download Center or the Manual Download from the Market Web, it is executed twice (two pop-up windows from the application and therefore the connection certificate is also requested twice).

This problem has been detected with Internet Explorer 8 and 9 since they have the "SmartScreen Filter" enabled. To solve this problem, this filter must be disabled. The "SmartScreen Filter" may be found at:



Microsoft SmartScreen Filter	×
Help make your browser more secure: Set up SmartScreen Filter	
SmartScreen Filter is designed to warn you if the website you are visitin impersonating another website or contains threats to your computer. What is SmartScreen Filter?	ıg is
Turn on SmartScreen Filter (recommended) Some website addresses will be sent to Microsoft to be check received will not be used to personally identify you.	ed. Information
Turn off SmartScreen Filter Website addresses will not be sent to Microsoft unless you ch them.	oose to check
	ОК
Read the Internet Explorer Privacy Statement online.	

2.2 Initial installation

The initial installation is carried out from the link that exists in the Agents' Web Downloads menu:



In the case of the Manual Download, links are available at different points in the Settlements and Financial Products panels:

(Latest publications			
	Settlements (ZIP txt company and common)	10-12-2012 10:00:00	Latest publications	
	Market invoices	10-12-2012 10:00:00	Invoices	10-12-2012 10:00:00
(Credit or debit note	10-12-2012 10:01:28	Credit or debit note	10-12-2012 10:00:00
	Monthly certificates	04-12-2012 17:00:00	Invoices and interests documents	

The installation is carried out automatically through the standard mechanisms of the JVM, downloading the application to the PC, while the following screens are displayed:

		Java Web Start	
		Download	ling application.
SU) Java	Java" 6.	Name: Publisher: From:	Download Center(Test) OMIE https://www2.pruebas.omie.es
			Cancel

This installation may last several minutes depending on the connection speed with the server.

In the case of the Download Center, once the installation is finished, the application will be started with a certificate and PIN request, which is required for the connection of the application with the SIOM services.

Select a certificate	
Certificates	
Certificate	Туре
DSIPRB5	Certificate in inserted card
DSISOFT9.p12	Sertificate in P12 file
DSISOFT3.p12	Sertificate in P12 file
DSISOFT2	Software certificate registered in the system
DSISOFT3	Software certificate registered in the system
DSISOFT1	Software certificate registered in the system
Add	d P12 certificate Remove P12 certificate
PIN	Accept

This screen can display three different types of certificates:

- Valid certificates that exist in the cards that are inserted in the card readers connected to the workstation. To use one of these certificates, the user must insert the PIN and click on "Accept".
- Software certificates that may have been used in previous executions, imported from files with "p12" extension (format in which OMIE delivers software certificates). To use one of these certificates, the user must insert the PIN and click on "Accept". The PIN to be used must be the original for the file sent by OMIE.

If you wish to use a certificate of this type that is not present in the certificates list, the "Add P12 certificate" button must be pressed and the "p12" file with the desired certificate selected.

If you wish to remove a certificate of this type from the list, the "Remove P12 certificate" button must be pressed. This button will be activated when a P12 certificate is selected.

 Software certificates registered in the operating system to be used from the Web browser or other applications. When one of these certificates is selected, the PIN text box will be disabled. The confirmation for certificate usage will depend on the way it has been registered (with a PIN, with a warning window or without confirmation), and the operating system will be in charge to display or not the corresponding window.

After a few moments have passed, the main window for the Download Center will appear

	unload x Daih	markat	Download Center
Automatic dow		market	
Automatic downloa	ad 🖂		
Automatic downloa	au 💌 🚽		
Daily market	∠		
Intra-Day market			
Settlements		?	
Invoicing docume	nts 🔽	2	
Historical Data		-	
instoniou butu			
General log			
Date/Time	Module		Massage
26/12/2012 - 09:14:02	Automatic downloa	d Lat	test update performed Invoices: 05/11/2012-15:35:45
28/12/2012 - 09:14:02	Automatic downloa	d Lat	stest update performed Settlements: 01/01/1970-01:00:00
26/12/2012 - 09:14:02	Automatic downloa	d Lat	atest update performed MD and MI: 06/11/2012-03:28:25
26/12/2012 - 09:14:02	Automatic downloa	id Use	ser profile read.
26/12/2012 - 09:14:02	Automatic downloa	id Do	ownloadable file types requested.
28/12/2012 - 09:14:02	Automatic downloa	id Au	utomatic Download process started.
			About Exit

In the case of the Manual Download, after being launched from the links of the Market Web Site Dashboards, the certificate selection window will not be displayed. Instead of that, the application will use the same certificate used when logging to the Market Web Site. There exist two possible cases:

- Certificates in cards: The PIN will be requested in order to start the Manual Download.
- Registered software certificates: The confirmation for certificate usage will depend on the way it has been registered, as described for the Download Center.

After a few moments have passed, the Manual Download will appear with the access options for the type of document that is selected from the Web link.

			_
Electronic invoices dow	nload by payments day		
		0	
Agent: IBEG	Payments day (DD/MM/AAAA): 10/01/2013	Query	
Select/unselect all			
Directory F64 files	C:\omel\CentroDescargas\	Browse	
Directory PDF files	C:\omel\CentroDescargas\	Browse	
Directory VML files			
Directory XML mes	IC. Iomencentroblescargasi	Browse	
		Download	
Date/Time	Message		Ι

The following chapters describe the detailed operation of the Download Center and the Manual Download.

If an execution error occurs, or if the application simply does not appear, file "C:\omel\CentroDescargas\CentroDescargas.log" must be looked at, which is where the activity and error messages are recorded and where you may find a description of the error that has occurred.

Note: If access to the Agents' Web is carried out through a proxy, the main screen will not be displayed, since the connection to OMIE is not possible unless the access parameters to the proxy for the Download Center have been configured. In this case, a connection error message will be included in the "CentroDescargas.Log" file. In this situation, access to the Download Center must be configured through the proxy as described in chapter 4.

If the shortcut icon creation on the desktop has been enabled as described in the beginning of this section, a new shortcut with the following aspect will have been created:



From this moment on, the Download Center can be started from this shortcut without having to open the browser to connect with OMIE. It may also be launched from the Window's "Programs" menu.

If the Download Center of the SIOM test environment is accessed, said application will be downloaded as an independent application with a different shortcut.

The "About" button of the Download Center will display a screen similar to the following, which indicates the Download Center version and the responsibility statement.



3 OPERATION OF THE DOWNLOAD CENTER

3.1 Start

Once installed, the Download Center may be started from the Agents Web link, from the Windows Programs menu or from the shortcut that has been created on the desktop (if this option was selected as described in the previous chapter).

3.2 Control Tab

The control tab is the one that appears enabled at the start of the application.

cm ie			Download Center
Control Automatic dow	nload × Daily	/ marke	et × Intra-Day market × Settlements × Invoicing documents × Historical Data ×
Automatic downloa	id 🔽		
Daily market	V		
Intra-Day market	\checkmark		
Settlements		2	
Invoicing documer	nts 🔽	D	
Historical Data			
Historical Data			
General log			
Date/Time	Module		Message
26/12/2012 - 09:14:02	Automatic downloa	ad l	atest update performed Invoices: 05/11/2012-15:35:45
26/12/2012 - 09:14:02	Automatic downloa	ad l	Latest update performed Settlements: 01/01/1970-01:00:00
26/12/2012 - 09:14:02	Automatic downloa	ad l	atest update performed MD and MI: 06/11/2012-03:26:25
26/12/2012 - 09:14:02	Automatic downlos	ad l	Jser profile read.
26/12/2012 - 09:14:02	Automatic downlos	ad I	Jownloadable file types requested.
20/12/2012 - 03:14:02	Automatic downlos		Automatic Download process stated.
			About Exit

From this tab the user may enable or disable the rest of the tabs or modules (checking the applicable verification boxes), as well as view all the activity Log lines for all the modules.

3.3 Automatic download

The Automatic Download incorporates an unattended mechanism for downloading the information for all the types of documents and files available from the rest of the tabs (except from the Historical Information tab).

3.3.1 Profile

When starting the Automatic Download for the first time, the profile is not configured and the "Edit Profile" button must be pressed to open the following configuration window:

CAPACIDADAUTORIZADAD Fichero CAPACIDADAUTORIZADAD CiOmel CentroDescargasi CAPACIDADAUTORIZADAD_VML Fichero CAPACIDADAUTORIZADAD (Formato XML) Notify and download. CiOmel CentroDescargasi CAPACIDAD_INTER_PEC_XML Fichero CAPACIDAD_INTER_PEC CiOmel CentroDescargasi CAPACIDAD_INTER_PEC_XML Fichero CAPACIDAD_INTER_PPC CiOmel CentroDescargasi CAPACIDAD_INTER_PVP_XML Fichero CAPACIDAD_INTER_PVP CiOmel CentroDescargasi CAPACIDAD_INTER_PVP_XML Fichero CAPACIDADNONINADA CiOmel CentroDescargasi CAPACIDAD_INTER_PEC CiOmel CentroDescargasi CiOmel CentroDescargasi CAPACIDAD_INTER_PEC Fichero CAPACIDADNONINADA CiOmel CentroDescargasi CAPACIDAD_INTER_PEC CiOmel CentroDescargasi CiOmel CentroDescargasi CAPACIDAD_INTER_PEC Fichero CERACIDADINONINADA CiOmel CentroDescargasi CAPACIDAD_INTER_PEC Fichero CERACIDADINONINADA <	Header	Description	Status	Path
APACIDADAUTORIZADAD_XML Fichero CAPACIDADAUTORIZADAD (Formato XML) Notify and download. C:IOmel/CentroDescargasi APACIDAD_INTER_PBC Fichero CAPACIDAD_INTER_PBC C:IOmel/CentroDescargasi APACIDAD_INTER_PVP Fichero CAPACIDAD_INTER_PVP C:IOmel/CentroDescargasi APACIDAD_INTER_PVP Fichero CAPACIDAD_INTER_PVP C:IOmel/CentroDescargasi APACIDAD_INTER_PVP Fichero CAPACIDAD_INTER_PVP C:IOmel/CentroDescargasi APACIDAD_INTER_PVP_XML Fichero CAPACIDADINTADA C:IOmel/CentroDescargasi BESAGREEE_XML Fichero DESAGREEE C:IOmel/CentroDescargasi BESAGREEE_XML Fichero POBC por empresas C:IOmel/CentroDescargasi DBCC Fichero POBC por empresas C:IOmel/CentroDescargasi DBCC_XML Fichero POB		Fighero CAPACIDADAUTORIZADAD		C:\Omel\CentroDescargas\
AAPACIDAD_INTER_PBC Fichero CAPACIDAD_INTER_PBC C:\Omel/CentroDescargasi APACIDAD_INTER_PBC_XNIL Fichero CAPACIDAD_INTER_PBC (Formato XNIL) C:\Omel/CentroDescargasi APACIDAD_INTER_PVP_XNIL Fichero CAPACIDAD_INTER_PVP C:\Omel/CentroDescargasi APACIDAD_INTER_PVP_XNIL Fichero CAPACIDAD_INTER_PVP C:\Omel/CentroDescargasi APACIDAD_INTER_PVP_XNIL Fichero CAPACIDADNINADA C:\Omel/CentroDescargasi APACIDAD_NINTER_PVP_XNIL Fichero CAPACIDADNONINADA C:\Omel/CentroDescargasi APACIDAD_NINTER_PVP_XNIL Fichero CAPACIDADNONINADA C:\Omel/CentroDescargasi JURVA_PBC Fichero CAPACIDANNONINADA C:\Omel/CentroDescargasi JURVA_PBC Fichero DESAGRERE C:\Omel/CentroDescargasi VESAGRERE Fichero DESAGRERE (Formato XNL) Notify and download C:\Omel/CentroDescargasi VESAGRERE Fichero DESAGRERE (Formato XNL) Notify and download C:\Omel/CentroDescargasi VESAGRERE Fichero DES AGRERE (Formato XNL) Notify and download C:\Omel/CentroDescargasi VESAGRERE Fichero DES COF (Formato XNL) Notify and download C:\Omel/CentroDescargasi VESAGRERE Fichero DES COF (Formato XNL) C:\Omel/CentroDescargasi C:\Omel/CentroDescargasi VESC Fichero PDEC por empresas C:\Omel/CentroDescargasi C:\Omel/CentroDesc	APACIDADAUTORIZADAD XML	Fighero CAPACIDADAUTORIZADAD (Formato XML)	Notify and download	C:\Omel\CentroDescargas\
DAPACIDAD_INTER_FBC_XML Fichero CAPACIDAD_INTER_FVP C:OmeliCentroDescargasi DAPACIDAD_INTER_FVP Fichero CAPACIDAD_INTER_FVP C:OmeliCentroDescargasi DAPACIDAD_INTER_FVP Fichero CAPACIDAD_INTER_FVP C:OmeliCentroDescargasi DAPACIDAD_INTER_FVP Fichero CAPACIDAD_INTER_FVP C:OmeliCentroDescargasi DAPACIDADNINIADA Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi DAPACIDADNINIADA Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi DAPACIDADNINIADA_XML Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi DAPACIDADNOMINADA_XML Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi DESAGRERE_SANL Fichero DESAGRERE C:OmeliCentroDescargasi DESAGRERE_XANL Fichero DESAGRERE C:OmeliCentroDescargasi DBCE Fichero DESAGRERE Formato XML) Notify and download. C:OmeliCentroDescargasi DBCE Fichero DESC por empressa C:OmeliCentroDescargasi DBCE Fichero DESC por empressa C:OmeliCentroDescargasi DBCE_XML Fichero DESC por empressa C:OmeliCentroDescargasi DBCE_XML Fichero DESC por empressa C:OmeliCentroDescargasi DBCE_XML Fichero DESC TOT C:OmeliCentroDescargasi DBCE_TOT Fichero DESC_TOT C:OmeliCentroDescargasi DBF_TO	CAPACIDAD INTER PBC	Fichero CAPACIDAD INTER PBC		C:\Omel\CentroDescargas\
SAPACIDAD_INTER_FVP Fichero CAPACIDAD_INTER_PVP C:OmeliCentroDescargasi. SAPACIDAD_INTER_FVP_XML Fichero CAPACIDAD_INTER_PVP (formato XML) Notify and download. C:OmeliCentroDescargasi. SAPACIDADNMINADA Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi. C:OmeliCentroDescargasi. SAPACIDADNOMINADA_XML Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi. C:OmeliCentroDescargasi. SAPACIDADNOMINADA_XML Fichero CAPACIDADNOMINADA C:OmeliCentroDescargasi. C:OmeliCentroDescargasi. SURVA_PBC Fichero DESAGRERE Ficturato XMLI. Notify and download. C:OmeliCentroDescargasi. SESAGRERE_XAIL Fichero DESAGRERE Ficturato XMLI. Notify and download. C:OmeliCentroDescargasi. VDBC Fichero DESAGRERE Ficturato XMLI. Notify and download. C:OmeliCentroDescargasi. DBCE Fichero DES CE or empresas C:OmeliCentroDescargasi. C:OmeliCentroDescargasi. DBCE_YML Fichero DES C or empresas C:OmeliCentroDescargasi. C:OmeliCentroDescargasi. DBCE_YML Fichero Con er seultados de la casación (Formato	CAPACIDAD INTER PBC XML	Fichero CAPACIDAD INTER PBC (Formato XML)		C:\OmeI\CentroDescargas\
DAPACIDAD_INTER_PVP_XML Fichero CAPACIDAD_INTER_PVP (Formato XML) Notify and download. C:\OmellCentroDescargas\ DAPACIDADNOMINADA Fichero CAPACIDADNOMINADA C:\OmellCentroDescargas\ C:\OmellCentroDescargas\ DAPACIDADNOMINADA_XML Fichero CAPACIDADNOMINADA (Formato XML) C:\OmellCentroDescargas\ C:\OmellCentroDescargas\ JURYA_PBC Fichero DESAGRERE C:\OmellCentroDescargas\ C:\OmellCentroDescargas\ DESAGRERE_XML Fichero DESAGRERE (Formato XML) Notify and download. C:\OmellCentroDescargas\ DESAGRERE_XML Fichero DESAGRERE (Formato XML) Notify and download. C:\OmellCentroDescargas\ DBC Fichero DESAGRERE (Formato XML) Notify and download. C:\OmellCentroDescargas\ DBC Fichero DBC por empress C:\OmellCentroDescargas\ DBCC Fichero DBC por empress C:\OmellCentroDescargas\ DBCC_XML Fichero DBC por empress C:\OmellCentroDescargas\ DBC_TOT Fichero DBE_TOT C:\OmellCentroDescargas\ DBF_TOT Fichero DBF_TOT C:\OmellCentroDescargas\ DBF_TOT Fichero DBF_TOT C:\OmellCentroDescargas\ DDF_TOT Fichero DBF_TOT C:\OmellCentroDescargas\	CAPACIDAD INTER PVP	Fichero CAPACIDAD INTER PVP		C:\OmeI\CentroDescargas\
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	le location directory:	C:\Omel\CentroDescargas\		

This window includes the types of files available for download, which the user may subscribe to. Initially, the Daily Market files are shown in their own tab. The steps that must be carried out in order to configure the profile are the following:

- Click on the "Status" column of the chosen file and a selector with three choices will be displayed:
 - o Empty
 - o "Notify only"
 - "Notify and download"

If "Notify and download" is selected, you must indicate where you wish to download the selected file. The applicable folder can be selected by double clicking with the mouse on the "Path" field.

• If any of the later has been selected, when clicking on the "OK" button, the file type will appear on the main screen and once the download starts, any new file of this type will be notified and/or will be downloaded in accordance with the selected option.

The Intra-day Market tab is very similar to that of the Daily tab, except it includes the files applicable to said market.

The Settlements tab includes three file types:

aily market	Intra-Day market Settlem	ents Invoicing documents			
- Annotations and settlements files (ZIP)					
		·			
	Directory:	C:\Omel\CentroDescargas\		Browse	
	Extract files	Remove ZIP 🔽			
Settlement	t documents (PDF)				1
	Directory:	C:\Omel\CentroDescargas\		Browse	
	Header	Description	Status		Path
ANOTACI	ONES_CESUR	Fichero Anotaciones CESUR (Formato XML)	Notify and download.		C:\OmeI\CentroDescargas\
ANOTACI	ONES_INTER	Fichero Anotaciones INTER (Formato XML)			C:\Omel\CentroDescargas\
ANOTACI	ONES_LIQ	Fichero Anotaciones Liquidaciones (Formato XML)	Notify and download.		C:\OmeI\CentroDescargas\
ANOTACI	ONES_RECUR	Fichero Anotaciones RECUR (Formato XML)			C:\Omel\CentroDescargas\
LIQ_RECU	JR_CNE	Importe comunicado a la CNE a efectos de prima e			C:\Omel\CentroDescargas\
	processing module	path/nombreModulo \$n \$p \$f \$v \$s			
Active local th and param the location	eters for local module: directory:	C:\Omel\CentroDescargas\			

• Annotations and settlements files (ZIP)

To activate the downloading of these files, the initial verification field must be enabled and a download directory must be specified.

As an option, the "Extract files" field may be checked, so the contents of each downloaded ZIP will be unzipped from the indicated directory. Also if "Remove ZIP" is selected, it will be deleted once its contents have been extracted.

• Settlement documents (PDF)

To activate the downloading of these files the initial verification block must be enabled and a download directory must be specified.

• Settlement Results (XML)

This table functions the same as described for the Daily Market files except it includes the file types related to settlements.

The "Invoicing documents" tab allows selecting the automatic download of documents that belong to different scopes of electronically signed documents:

ly market Intra-Day market Settlements Invoicing do	cuments				
Description		Status	Path F64	Path PDF	Path XML
Electronic invoices download by day	FACTDIA	Notify and download.	C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Download of montly scope invoicing documents	FACTMES		C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Download of documents about bank interests payments on	market INTOMEL		C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Invoices and documents related to OMIE income	RETOMEL		C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Electronic invoices download (recur)	RECUR		C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Electronic invoices download (cesur)	CESUR	Notify and download.	C:\OmeI\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Invoices and documents about omel mercados interests pa	ayments INTOMMER		C:\OmeI\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Electronic invoices download (interconnections)	SUBINTER		C:\Omel\CentroDescargas	C:\Omel\CentroDes	C:\Omel\CentroDe
Active local processing module					
Active local processing module	Modulo \$n \$p \$f \$v \$s				
Active local processing module and parameters for local module: path/nombre file location directory: C: \Omel\Cer	Modulo \$n \$p \$f \$v \$s troDescargas∖				

The steps to carry out in order to configure the profile are the following:

- Click on the "State" column of the chosen scope and a selector with three choices will be displayed:
 - o Empty
 - o "Notify only"
 - o "Notify and download"

If "Notify and download" was selected, you must indicate where you wish to download the selected file for each one of the types (F64, PDF and XML). The applicable folder can be selected by double clicking with the mouse on the "Path" field of each file type.

• If any of the last two have been selected, when clicking on the "OK" button, the scope of the document will appear on the main screen and once the download starts, any new file of this type will be notified and/or will be downloaded in accordance with the selected option.

Lastly, additional aspects can be configured under the tabs, such as:

- Local processing module (refer to section 3.3.5)
- Directory where the Log file is located

When clicking on the "OK" button, the selected configuration will be saved in file "[*codigo_agente*]CentroDescargas.ini" in the directory c:\Omel\CentroDescargas (if this directory does not exist, it will be automatically created).

The following capture shows the aspect of the main Automatic Download screen having selected files from all the profile configuration tabs:

omie	9		Do	ownload	d C	enter	
Control Automatic	download ×	Daily market ×	Intra-Day market	× Settlements × II	voicing do	ocuments × Historical Data ×	
		Latest dowr	loaded file	Latest date of download	Pend.	File in-process	Status
Daily market							A
CAPACIDADAUTORIZAD	DAD_XML						
CAPACIDAD_INTER_PE	BC_XML						
PDBC_XML							
PRECIOSPDBC_XML							
Intra-Day market							
CAPACIDAD_INTER_PH	IF_XML						
PIBCA_XML							
PIBCI_XML							
PRECIOSPIBC_XML							
Settlement							
ANOTACIONES_CESUR	۲						
ANOTACIONES_LIQ							
Annotations and settlem	ents files (ZIP)						
Settlement documents (PDF)						
Invoicing documents							
Electronic invoices dow	nload by day						
Electronic invoices dow	nload (cesur)						
							Ŷ
Activity log							
Date/Time				M	essage		
26/12/2012 - 10:10:40	Latest update (performed Invoices: 05/	11/2012-15:35:45				
26/12/2012 - 10:10:40	Latest update	performed Settlements:	01/01/1970-01:00:00				
26/12/2012 - 10:10:40	Latest update p	performed MD and MI: 06/11/2012-11:42:46					
26/12/2012 - 10:10:40	User profile rea	read.					
26/12/2012 - 10:10:40	Downloadable	adable file types requested.					
26/12/2012 - 10:10:40	12/2012 - 10:10:40 Automatic Download process started.						
Start Edit Profile Retry							

3.3.2 Execution

After clicking on the "Start" button, said button changes to "Stop" to control the operation of the download. If the download is working properly, you cannot change the profile or exit the application (the "Exit" button in the Control window is disabled as well as the Automatic Download verification block and the exit "X" located on the tab).

Periodically (every 2 minutes) the Automatic Download consults the publication of new files on the server. If it is the first time that an Automatic Download is started, the results for the last 28 hours are downloaded (for Daily, Intra-day and Settlement XML Market files) or the last two days (for the rest of documents).

If new information has been published, the main table on the screen will show the number of files of each type and the files that are being downloaded, leaving the information of the last download and its download date.

The notification relative to the files appears with a blue line in the Log, while the errors appear in red. The rest of the messages appear in black.

All the Log information messages are saved in file "[*codigo_agente*]DescargaAutomatica.log", which by default is found in the same location as the profile file. This file is saved with all the information relative to the progress of the download during the past few days.

omie		Do	wnloa	d C	ente	r		
Control Automatic download ×	Daily market ×	Intra-Day market	Settlements × I	nvoicing d	locuments ×	Historical Data ×		
	Latest dow	nloaded file	Latest date of download	Pend.		File in-process	Status	
Daily market								▲
CAPACIDADAUTORIZADAD_XML				1	capacidadautori	zadad_xml_IBEG_2012010	8.1.xml Pending	
CAPACIDAD_INTER_PBC_XML				1	capacidad_inter	_pbc_xml_20120106.1.xml	Pending	
PDBC_XML				1	pdbc_xml_IBEG	_20120106.1.xml	Pending	
PRECIOSPDBC_XML				1	preciospdbc_xm	I_20120106.1.xml	Pending	
Intra-Day market								
CAPACIDAD_INTER_PHF_XML								
PIBCA_XML								
PIBCI_XML								
PRECIOSPIBC_XML								
Settlement								
ANOTACIONES_CESUR				1	anotaciones_ces	sur_IBEG_20120106.1.xml	Pending	
ANOTACIONES_INTER				1	anotaciones_int	er_IBEG_20120106.1.xml	Pending	
ANOTACIONES_LIQ					anotaciones_liq	_IBEG_20120106.1.xml	Downloading	
Invoicing documents								
Electronic invoices download by day								
Download of montly scope invoicing								
1					1			
Activity log								
Date/Time			Mes	sage				
28/12/2012 - 10:48:45 anotaciones_lig	_IBEG_20120106.1.xm	requested						-
28/12/2012 - 10:48:45 Refresh of new f	iles MD and MI: 7 new fi	les received.						
28/12/2012 - 10:48:37 User profile has	been saved.							
28/12/2012 - 10:46:38 Latest update pe	erformed Invoices:							
28/12/2012 - 10:46:38 Latest update performed Settlements:								
28/12/2012 - 10:46:38 Latest update performed MD and MI: 0								
28/12/2012 - 10:46:38 User profile read	i.							_
Stop		Edit Profile	Retry					
10:48:45 - Downloading information	۱.							

3.3.3 Retry in case of error

The "Retry" button, which is accessible after having stopped the automatic download, opens a window that includes the files that have produced an error during the operation of the application.

실 Pending files	for retry.		×
	There exist 2 files in list.		
EMPRE1\EMP	RE1_2012_01_011.ZIP RE1_2012_01_011.PDF		
Delete	Retry	Close	

From this window we can select any of the files and click on "Retry". If the download is successful, the file will disappear from the list. Any file can be deleted from the list by selected it and clicking on "Delete".

3.3.4 Operation when in maintenance mode and switching to emergency mode

As previously mentioned, the Automatic Download specifically controls the periods during which the Agents' Web is shutdown for maintenance as well as the times when it is operating in the emergency environment, automatically switching between this mode and the main environment.

When the Agent's Web is stopped for maintenance, the Automatic Download detects this condition and shows a red coloured message in the activity Log window, indicating this circumstance. In this case, the Automatic Download will simply wait for the Agent's Web to return to its normal activity, and then, it will return to its normal operation.

Activity log	
Date/Time	Message
03/01/2013 - 10:10:41	System is under maintenance
03/01/2013 - 10:10:41	It has not been possible to read the list of published files
03/01/2013 - 10:05:41	Latest update performed Settlements: 01/01/1970-01:00:00
03/01/2013 - 10:05:41	Latest update performed MD and MI: 06/11/2012-03:26:25
03/01/2013 - 10:05:41	User profile read.
03/01/2013 - 10:05:41	Downloadable file types requested.
03/01/2013 - 10:05:41	Automatic Download process started.

When the Agents' Web switches to the emergency environment, the Automatic Download will detect this situation and will automatically connect to said environment (<u>www.emergenciaomie.es</u>), continuing with its normal operation and downloading the new files that are published in the new environment. This situation may be displayed through a red message in the activity Log window, which states "*Switching to EMERGENCY environment*". Also in the application title, the server address (which normally is <u>www.mercado.omie.es</u>) will be replaced by that of the emergency environment.

Once the operation is resumed in the main environment, the Automatic Download will automatically reconnect to this environment with the message "*Switching to MAIN environment*" and the address of the main server will be reset in the title of the window.

Activity log		
Date/Time	Message	\square
03/01/2013 - 10:29:24	marginalpdbo_20120107.1 downloaded	 ▲
03/01/2013 - 10:29:24	marginalpdbo_20120107.1 requested	
03/01/2013 - 10:29:24	Refresh of new files MD and MI: 1 new files received.	
03/01/2013 - 10:29:24	Switching to EMERGENCY environment	
03/01/2013 - 10:25:09	capacidadautorizadad_xml_COMEL_20120106.1.xml downloaded	
03/01/2013 - 10:25:08	capacidadautorizadad_xml_COMEL_20120106.1.xml requested	
03/01/2013 - 10:25:08	cesecidad inter ovo xml 20120106.1.xml downloaded	–

In the case that the Agents' Web is being executed in the emergency environment and the Download Center is started at that time without accessing through the browser, (desktop shortcut or the Windows Program menu) the application will not be able to be started normally. This is due to the fact that in the first place, the JVM verifies that the application is updated and the server address that is used for this purpose is only that of the main server. Since it is not active, the application does not start.

In order to start the Automatic Download under these circumstances, the following steps shall be executed:

Start \rightarrow Control Panel \rightarrow Java (32 bits) \rightarrow General \rightarrow Temporary internet files \rightarrow View...

A screen similar to this one will be displayed, which will include the applications that have been installed through WebStart.

🛓 Java Cache Viewer				-	×
Show: Applications		1		Cach	e Size: 12277 KB
Application	Vendor	Туре	Date	Size	Status
Download Center(Test)	OMIE	Application	28-Dec-2012	7708 KB	4
Download Center(Real)	OMIE	Application	28-Dec-2012	7708 KB	49-
					Close

If "Download Center (Real)" is selected, the option may be enabled by right clicking on the button with the mouse. When this is carried out, the Download Center will be started without verifying that the application is updated. The PIN must be entered and the application will detect that the main environment is not active, immediately switching to the emergency environment.

3.3.5 Local process module

The Automatic Download allows the possibility of executing a local program (external module to the Automatic Download), each time that a file is successfully downloaded. A series of parameters relative to the file that has just been downloaded may be added to this program. This way, the call to said program may be personalized.

You can configure how the call to said external module is in the profile window, indicating the parameters and their order. Said parameters are entered by means of a set of literal in the field called "Path and local module parameters".

Active lo	C Active local processing module				
Path and pa	rameters for local module:	path/nombreModulo \$n \$p \$f \$v \$s			
Log file location directory:		C:\Omel\CentroDescargas\			
	Ok		Cancel		

The literals allowed for the call to the module are:

"\$n" : file name

"\$f":date

```
"$v": version
```

```
"$p" : pattern or file type.
```

```
"$s":session
```

These literals are replaced by those corresponding to each successfully downloaded file and the call to the module is carried out with the replaced parameters.

Some configuration examples using the literals in the call to the external module program are listed below:

User configuration	Values of the literals	Call made
Program.exe \$p	\$p = "ENE_"	Program.exe ENE_
Program\$p.exe	\$p = "ENE_"	ProgramENEexe
Program\$p.exe \$n \$p	<pre>\$p = "ENE"_ \$n = "ene_AG_20010626.1"</pre>	<pre>ProgramENEexe ene_AG_20010626.1 ENE_</pre>

3.4 Manual downloads

This section describes the rest of the tabs included in the Download Center. All of these are used to download a set of files or different types of documents in a single action. Unlike Automatic Download, where the downloading of information occurs unattended, these tabs require action by the user for each download command, which is why they are called "manual downloads".

On the other hand some of these tabs can also be accessed directly from the browser, through a reduced version of the Download Center called "Manual Download", as mentioned in chapter 1 and which operation is described in chapter 4.

3.4.1 Daily Market

The Daily Market tab allows manually downloading several files from the Daily Market results of the selected session or interval of sessions.

omie	Download Center			
Control Automatic download × Daily market × Intra-	Day market × Settlements × Invoicing documents × Historical Data ×			
Date: 24/1/2012 Last Days: 1 V Directory	C:\OMEL\tmp Download			
Select/unselect all				
Files	Description			
CAPACIDADAUTORIZADAD_XML_	Fichero CAPACIDADAUTORIZADAD (Formato XML)	1		
CAPACIDAD_INTER_PBC_	Fichero CAPACIDAD_INTER_PBC			
CAPACIDAD_INTER_PBC_XML_	Fichero CAPACIDAD_INTER_PBC (Formato XML)			
CAPACIDAD_INTER_PVP_	Fichero CAPACIDAD_INTER_PVP			
CAPACIDAD_INTER_PVP_XML_	Fichero CAPACIDAD_INTER_PVP (Formato XML)			
CAPACIDADNOMINADA_	Fichero CAPACIDADNOMINADA			
CAPACIDADNOMINADA_XML_	Fichero CAPACIDADNOMINADA (Formato XML)			
CURVA_PBC_	Fichero CURVA_PBC			
DESAGRERE_	Fichero DESAGRERE			
DESAGRERE_XML_	Fichero DESAGRERE (Formato XML)			
IV MARGINALPDBC_	Fichero precios de la casacion (formato punto y coma)			
COPERTAS_SESION_MD_XML_	Ofertas para una sesion del Mercado Diario (Formato XML)			
	Fichero con los resultados de la casación			
	Fichers FDBC one empress			
	Fichers PDPC CTA			
	Fichero con los resultados de la ossación (Formato VML)			
	Fichero con el programa base de funcionamiento			
	Ficher OPBF TOT			
		1		
		_		
Date/Time	Message			
26/12/2012 - 10:27: File download finished.	A	·		
28/12/2012 - 10:27: preciospdbc_xml_20120124.1.xml Downloaded	i			
28/12/2012 - 10:27: pdbf_IBEG_20120124.1 Downloaded				
26/12/2012 - 10:27: pdbc_xml_IBEG_20120124.1.xml Downloaded				
26/12/2012 - 10:27: pdbc_IBEG_20120124.1 Downloaded				
26/12/2012 - 10:27: marginalpdbc_20120124.1 Downloaded				
26/12/2012 - 10:27: File download started.				
26/12/2012 - 10:27: File download finished.				
20/12/2012 - 10:27: preciospado_xml_20111211.1.xml Downloaded	1 			

The user must select a date, the number of days backwards from this date (up to 7 days) and the download directory. The desired file types must be selected in the central table.

When clicking on "Download", the selected files will be downloaded to the local directory as long as these have been published.

3.4.2 Intra-day Market

The Intra-day Market tab allows manually downloading several files from the Intra-day Market results of the selected session or interval of sessions.

omie	Download Center			
Control Automatic download × Daily market × Intra-I	Day market × Settlements × Invoicing documents × Historical Data ×			
Date: 24/1/2012 Session: 1 Last Days: 1 Directory: C:\omel\tmp Browse Download				
Select/unselect all				
Files	Description			
OFERTAS SESION MI XML	Ofertas para una sesión del Mercado Intradiario (Formato XML)			
	Fichero OMANULAINTRA			
OMANULAINTRA_XML_	Fichero OMANULAINTRA (Formato XML)			
OSANULAINTRA_	Fichero OSANULAINTRA			
OSANULAINTRAPT_	Fichero OSANULAINTRAPT			
OSANULAINTRAPT_XML_	Fichero OSANULAINTRAPT (Formato XML)			
OSANULAINTRA_XML_	Fichero OSANULAINTRA (Formato XML)			
PHF_	Fichero Plan Horario Final			
PHF_STOTA_	Fichero PHF_STOTA			
PHF_TOT_	Fichero PHF_TOT			
PHF_XML_	Fichero Plan Horario Final (Formato XML)			
	Fichero PIBC Acumulado			
	Fichero PIBC Acumulado (Formato XML)			
	Fichero PIBC Incremental			
	Fichers PIBCI por empresss			
	Fichero PIBCI por empresas (Formato XNIL)			
	Fichers PIBCI TOT			
	Tichero HBC Incremental /Formato XMI)			
	Teleberg de preciss del PIRC (Formato XMI.)			
Date/Time	Message			
26/12/2012 - 10:29:58 File download finished.	-			
26/12/2012 - 10:29:58 preciospibc_xml_2012012401.1.xml Downloa	1/2/2012 - 10:29:58 preciospibo_xml_2012012401.1.xml Downloaded			
26/12/2012 - 10:29:56 pibca_xml_IBEG_2012012401.1.xml Downlos	6/12/2012 - 10:29:66 pibcs_xml_BEG_2012012401.1.xml Downloaded			
8/12/2012 - 10:29:52 pibcs_IBEG_2012012401.1 Downloaded				
8/12/2012 - 10:29:48 phf_IBEG_2012012401.1 Downloaded				
26/12/2012 - 10:29:43 Download started for this session 1				
26/12/2012 - 10:29:43 File download started.				

The user must select a date, a session number (or the "All" option), the number of days backwards from this date (up to 7 days) and the download directory. The desired file types must be selected in the central table.

When clicking on "Download", the selected files will be downloaded to the local directory as long as these have been published.

3.4.3 Settlements

The Settlements tab also includes three "sub-tabs":

Annotations and settlements files (ZIP)

This option allows downloading ZIP files of records and settlements by year and month.

0	mie	9			De	ownlo	oad C	enter		
Cont	Control Automatic download × Daily market × Intra-Day market × Settlements × Invoicing documents × Historical Data ×									
Anno	tations and sattl	lomonte f		- 1			(000)			
Anno	dations and setti	iements i	settien	ient res	suits (XML) Settier	ment documents	(PDF)			
Y	Year: 2010 Month: 01 Agent: IBEG Query									
	Select/unsel	ect all								
	Empresa	Ver. ZIP	Liquidación	Ver.	Fecha Publicación	Liquidación desde	Liquidación hasta	Contenido	Ficher	0
	RRMG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	ERRMG\ERRMG_2010_01	_011.ZIP
	ENAG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	LIBRO_ZIP_EUR*LIBR	FENAG\FENAG_2010_01_	011.ZIP
	HIBEG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	HIBEG\HIBEG_2010_01_0	11.ZIP
	BCC	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	BCC\BCC_2010_01_011	.ZIP
	BG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	BG\IBG_2010_01_011.ZI	p
	RIOG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	IRIOG\IRIOG_2010_01_01	1.ZIP
	LANG	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	ANOTACIONE S*LIQUID	LLANG\LLANG_2010_01_	011.ZIP
	ZIP_COMU	011	Mensual	01	01/02/2010	2010-01-29 00	2010-01-31 0	LIBRO_ZIP_EUR*LIBR	ZIP_COMUN\ZIP_COMUN	_2010_01_011.ZIP
1										
Dire	ectory ZIP file	S	C:\omel\Cent	roDes	scargas					Browse
Extr	act files		Remove ZIP							Download
	Date/Time						Message			
26/12	2/2012 - 10:33:42	Query cor	mpleted.							
26/12	2/2012 - 10:33:41	Searching files for download								
26/12	2/2012 - 10:33:37	Realizando la consulta								
26/12	2/2012 - 10:33:37	Comprob	ando los campos							

The user must select the year and month and after clicking on "Query", the user must indicate the files that are to be downloaded, with the possibility of "Select/unselect all".

Then, a directory can be selected for the ZIP files and optionally, the option of extracting the files and, if applicable, remove the ZIP file after the extraction.

When clicking on "Download", the selected files are downloaded to the chosen directory and the unzipping and deletion will be carried out if these options have been selected.

Settlement Results (XML)

This option allows manually downloading several settlement results files corresponding to the selected session or interval of sessions.

	Download Center							
Control Automatic download A Daily market A Intra-								
Annotations and settlements files (ZIP) Settlement results (2	Annotations and settlements files (ZIP) Settlement results (XML) Settlement documents (PDF)							
Date: 24/10/2011 Last Days: 1 Virectory	: C:\omel\CentroDescargas Download							
Files	Description							
IV ANOTACIONES_CESUR_	Fichero Anotaciones CESUR (Formato XML)							
	Fichero Anotaciones INTER (Formato XML)							
	Fichero Anotaciones Liquidaciones (Formato XML)							
V ANOTACIONES_RECUR_	Fichero Anotaciones RECUR (Formato XML)							
	Importe comunicado a la CNE a efectos de prima equivalente (Formato XML)							
Date/Time	Message							
26/12/2012 - 10:39:42 File download finished.								
26/12/2012 - 10:39:42 anotaciones_recur_IBEG_20111024.1.xml D	ownloaded							
26/12/2012 - 10:39:39 anotaciones_cesur_IBEG_20111024.1.xml E	enotaciones_cesur_IBEG_20111024.1.xml Downloaded							
26/12/2012 - 10:39:31 File download started.	File download started.							

The user must select a date, the number of days backwards from this date (up to 7 days) and the download directory. The desired file types must be selected in the central table.

When clicking on "Download", the selected files will be downloaded to the local directory as long as these have been published.

Settlement documents (PDF)

This option allows downloading PDF settlement files by year and month.

	nie)			Downloa	d Center			
Control	Control Automatic download × Daily market × Intra-Day market × Settlements × Invoicing documents × Historical Data ×								
Annotati	Annotations and settlements files (ZIP) Settlement results (XML) Settlement documents (PDF)								
Year	Year: 2010 Month: 01 Agent: IBEG Query								
🗹 Sel	lect/unsele	ect all							
	Empresa	Ver. ZIP	Ver.	Fecha Publicación	Contenido	Fichero			
ERR	MG	011	01	2010-02-01	PDF_LIQ_PROV_EMPRESAS_EUR	ERRMG\ERRMG_PDF_LIQ_PROV_EMPRESAS_	EUR_2010_01_011.PDF		
ERR	MG	011	01	2010-02-01	DETALLE_FACTURAS	ERRMG\ERRMG_DETALLE_FACTURAS_2010_0	1_011.PDF		
FEN/	AG	011	01	2010-02-01	DETALLE_FACTURAS	FENAG\FENAG_DETALLE_FACTURAS_2010_01	_011.PDF		
FEN/	AG	011	01	2010-02-01	PDF_LIQ_PROV_EMPRESAS_EUR	FENAG\FENAG_PDF_LIQ_PROV_EMPRESAS_E	UR_2010_01_011.PDF		
I HIBE	EG	011	01	2010-02-01	PDF_LIQ_PROV_EMPRESAS_EUR	HIBEG\HIBEG_PDF_LIQ_PROV_EMPRESAS_EU	UR_2010_01_011.PDF		
HIBE	EG	011	01	2010-02-01	DETALLE_FACTURAS	HIBEG\HIBEG_DETALLE_FACTURAS_2010_01_	_011.PDF		
IBEC	C	011 01 2010-02-01		2010-02-01	DETALLE_FACTURAS	IBECC\IBECC_DETALLE_FACTURAS_2010_01_	_011.PDF		
IBEC	CC	011	01	2010-02-01	PDF_LIQ_PROV_EMPRESAS_EUR	IBECC\IBECC_PDF_LIQ_PROV_EMPRESAS_EU	R_2010_01_011.PDF		
IBEC	GE	011 01 2010-02-01		2010-02-01	PDF_LIQ_PROV_EMPRESAS_EUR IBEGE\BEGE_PDF_LIQ_PROV_EMP		R_2010_01_011.PDF		
IBE€	GE	011	01 2010-02-01		DETALLE_FACTURAS	IBEGE\IBEGE_DETALLE_FACTURAS_2010_01_	011.PDF		
IRIO	G	011 01 2010-02-01 PDF_LIQ_PROV_EMPRESAS_EUR IRIO		IRIOG\IRIOG_PDF_LIQ_PROV_EMPRESAS_EUF	2010_01_011.PDF				
IRIO	G	011 01 2010-02-01 DETALLE_FACTURAS IRIOGURIOG_DETALLE_FACTURAS_2010_01_011.PDF)11.PDF					
	NG	011 01 2010-02-01 DETALLE_FACTURAS LLANG\LLANG_DETALLE_FACTURAS_2010_01_011.PDF			_011.PDF				
	NG	01 01 2010-02-01 PDF_LIQ_PROV_EMPRESAS_EUR LLANG\LLANG_PDF_LIQ_PROV_EMPRESAS_EUR_2010_01_011.PDF		UR_2010_01_011.PDF					
ZIP_	_COMU	011	01	2010-02-01	RESUMEN_COBROS_PAGOS	ZIP_LIBROS\RESUMEN_COBROS_PAGOS_201	0_01_011.PDF		
Directo	ory PDF file	es	C:\ome	el\CentroDescar	gas		Browse Download		
Da	ite/Time				М	essage			
26/12/20	12 - 10:34:46	Query completed.							
26/12/20	12 - 10:34:45	Searching files for download							
26/12/20	12 - 10:34:44	Realizando la consulta							
26/12/20	12 - 10:34:44	Comprobando los campos							

The user must select the year and month and after clicking on "Query", indicate the files that are to be downloaded, with the possibility of "Select/unselect all".

Then, a directory for the PDF files may be selected. When clicking on "Download", the selected files will be downloaded to the chosen directory.

3.4.4 Invoicing documentation

This tab allows downloading invoicing documents and other electronically signed documents of the different invoicing areas.

Cn	nie		Download	Cen	ter				
Control Au	itomatic download 🛛 🛪	Daily market × Intra	a-Day market × Settlements × Invoid	cing documen	ts 🗙 Histor	ical Data 🗴			
Electro	nic invoices dow	nload by day	•						
Agent: IBEG Date (DD/MM/AAAA): 1/2/2010									ery
Select	t/unselect all								
Empresa	a Nom	bre Fichero	Tipo de documento	Día de cobros	Día de pagos	F64	PDF	XML	Error
ERRMG	MODELO CARTA DI	ARIA_ERRMG_2010020	Carta del Director de Liquidaciones y Fa	2010-02-11	2010-02-10	Downloaded	Extracted		
ERRMG	FC_B20100201_V0	1_D01_M02_ERRMG_C	Factura de compra	2010-02-11	2010-02-10	Downloaded	Extracted	Downlo	
ERRMG	FV_B20100201_V0	1_D01_M02_ERRMG_E	Factura de venta	2010-02-11	2010-02-10	Downloaded	Extracted	Downlo	
ERRMG	NCA_B20100201_V	/01_D01_M02_ERRMG	Nota de cargo y abono	2010-02-11	2010-02-10	Downloaded	Extracted		
ERRMG	NOTAGRE_H_2010	05_ERRMG_R01	Nota agregada de cargo y abono	2010-02-11	2010-02-10	Downloaded	Extracted		
HIBEG	MODELO CARTA DI	ARIA_HIBEG_20100201	Carta del Director de Liquidaciones y Fa	2010-02-11	2010-02-10	Downloaded	Extracted		
HIBEG	FC_B20100201_V0	01_D01_M02_HIBE6_CO Factura de compra 2010-02-11 2010-02-10 Downloaded Extracted				Downlo			
HIBEG	FV_B20100201_V0	1_D01_M02_HIBEG_HI	Factura de venta	2010-02-11	2010-02-10				
HIBEG	NCA_B20100201_V	/01_D01_M02_HIBEG_N Nota de cargo y abono 2010-02-11 2010-02-1							
HIBEG	NOTAGRE_H_2010	05_HIBEG_R01	Nota agregada de cargo y abono	2010-02-11	2010-02-10				
IBECC	MODELO CARTA DI	ARIA_IBECC_20100201 Carta del Director de Liquidaciones y Fa 2010-02-11 2010-02-10							
IBECC	FC_B20100201_V0	1_D01_M02_IBECC_CO	Factura de compra	2010-02-11	2010-02-10				
IBECC	NCA_B20100201_V	/01_D01_M02_IBECC_N	Nota de cargo y abono	2010-02-11	2010-02-10				
IRECC	NOTAGRE H 2010	15 IRECC R01	Nota anregada de cargo y abono	2010 02 11	2010 02 10		1	1	
Directory F64 files C:\omel\CentroDescargas\ Browse									
Directory PDF files C:\omel\CentroDescargas\					Browse				
Directory XML files C:\omel\CentroDescarg		argas\						Browse	
Download							wnload		
Date/Tir	me		Message						
26/12/2012 -	10:45: FC_B20100201	_V01_D01_M02_HIBEG_CON	I_10_02_117.PDF Extracted						*
26/12/2012 -	10:45: FC_B20100201	_V01_D01_M02_HIBEG_CON	I_10_02_117.F64 Downloaded.						
26/12/2012 -	10:45: MODELO CART	A DIARIA_HIBEG_20100201_	1.PDF Extracted						
26/12/2012 -	10:45: MODELO CART	A DIARIA_HIBEG_20100201_	1.F64 Downloaded.						
26/12/2012 -	10:45: NOTAGRE_H_2	201005_ERRMG_R01.PDF Ext	racted						•
,	1								

The user must first select the desired invoicing area (daily invoices, monthly, interest, payment, CESUR, etc.). Depending on the area that is selected, additional parameters that must be entered will be displayed (year / month, payment date, invoice date, etc.).

Once this data is entered and after clicking on "Query", you must indicate the files that are to be downloaded, with the possibility of "Select/unselect all".

Then, a directory for the F64, PDF and XML files may be selected. When clicking on "Download", the selected F64 files will be downloaded to the chosen directories, of which the applicable PDF files will be extracted. In cases where the selected file also has an XML document, this document will also be downloaded to the chosen directory.

3.4.5 Historical data

This tab allows downloading ZIP files of historical data by year and month.

Control Automatic download × Daily market × Intra-Daily Year: 2011 Month: September Directory:	Download Center ay market × Settlements × Invoicing documents × Historical Data × C:\OMEL\tmp Browse Download
Select/unselect all	
Files	Description
CAB	Fichero historico de CAB
CAPACIDAD INTER MES	Fichero historico de CAPACIDAD INTER MES
	Fichero historico de CUOTA PBC UADQ
	Fichero historico de CUOTA PBC UPROD
	Fichero historico de CUOTA PHF UADQ
CUOTA PHF UPROD	Fichero historico de CUOTA PHF UPROD
	Fichero historico de CUOTA PVD UADQ
CUOTA_PVD_UPROD_	Fichero historico de CUOTA_PVD_UPROD
	Fichero historico de DET
EACB_	Fichero historico de EACB
EACBI_	Fichero historico de EACBI
ENE_	Fichero historico de ENE
ICAB_	Fichero historico de ICAB
DET_	Fichero historico de IDET
TIENE_	Fichero historico de IENE
T IINC_	Fichero historico de IINC
INDISP_	Fichero historico de INDISP
LIMITACIONES_	Fichero historico de LIMITACIONES
MARGINALPDBC_	Fichero historico de precios marginales diario
MARGINALPIBC_	Fichero historico de precios marginales intradiario
Date /Time	Maaraa

The user must select a year and month and the download directory. The desired file types must be selected in the central table.

When clicking on "Download", the selected files will be downloaded to the local directory as long as these have been published.

4 OPERATION OF THE MANUAL DOWNLOAD

As mentioned in previous chapters, the Manual Download is an application that is independent from the Download Center, which is designed as a reduced version of it, and which can be accessed from certain links on the Agents' Web. These links provide direct access to a specific tab in the Download Center, showing only said tab and search parameters of the documents to be downloaded depending on the link that is used.

For example, when accessing the "Market invoices" link on the Agents' Web Settlements panel (when said link is active), the manual Download application will be opened showing only the "Invoicing documents" tab, and inside this tab, you will have selected the "Electronic invoices download by payments day" option, where the agent code and the payment day of the last document that is published of this type, will already appear filled in.

Invoicing documents		
Electronic invoices do	wnload by payments day	
Agent: IBEG	Payments day (DD/MM/AAAA): 12/12/2012	Query
Select/unselect all		
Directory F64 files	C:\omel\CentroDescargas\	Browse
Directory PDF files	C:\omel\CentroDescargas\	Browse
Directory XML files	C:\omel\CentroDescargas\	Browse
		Download
Date/Time	Message	

From this moment on, the operation is the same as that described in section 3.4 of this manual.

As described in the previous chapters, the first time you access the Manual Download, a shortcut will be created on your desktop (if the shortcut creation has been enabled), just as occurs with the Download Center. However, if this application is started from this shortcut without using the browser, the last requested values (tab, document type, payment date, etc.) will appear; therefore it is recommended to always use the Manual Download from the browser.

5 ACCESS THROUGH A PROXY

If access to the Agents' Web is accomplished through a proxy, then the following aspects must be taken into consideration:

5.1 Configuration of the Java virtual machine

Access the following java configuration window:

Start \rightarrow Control Panel \rightarrow Java (32 bits) \rightarrow General \rightarrow Network Settings

Network Settings
Network Proxy Settings
Use proxy settings from your default browser to connect to the Internet.
Use browser settings
Use proxy server
Address: Port: Advanced
Bypass proxy server for local addresses
Use automatic proxy configuration script
Script location:
Direct connection
OK Cancel

The option by default after installing the Virtual Machine is "*Use the browser configuration*" and will be valid as long as the browser is properly configured for accessing the Agents' Web.

In the Download Center, these configuration options are only used for controlling the versions and the downloading of components (not for exchanging of information per se). If different parameters are desired to be used for this purpose, these may be specified in this template, selecting any of the other available options.

5.2 Configuration of the Download Center or Manual Download

During the first execution of the application, if the access must be carried out through a proxy, a connection error message will have been provided in the Log file (see section 2.2).

To prevent this error, the following steps must be taken:

• Open the config.xml file that is copied in folder "C:\omel\CentroDescargas" when the components are downloaded. The structure of this file is the following:

```
<?xml version="1.0" encoding="UTF-8"?>
<ConfigDA>
<ConfigConexion>
<EnabledProxy>N</EnabledProxy>
<ConfigProxy>
<Direccion>127.0.0.0</Direccion>
<Puerto>8080</Puerto>
<Usuario>user</Usuario>
<Password>pass</Password>
</ConfigProxy>
</ConfigConexion>
</ConfigDA>
```

• Enable the configuration of the proxy, changing the value of *Enabledproxy* to "S" and replace the address fields and port for the appropriate values.

If the Proxy does NOT require authentication by the user, it will suffice by leaving blank the elements pertinent to the user and password. Otherwise, you must type in the proper values to be able to access.

• Save the changes and restart the Download Center.

From this moment on, the application must operate as normal. In the case that the main screen is still not displayed, an error similar to the following Log file will be provided, which shows the parameters that are being used for access by proxy (except the password):

In this case, the configuration for accessing by proxy must be checked or consult with the Agent's technical support department.