As linhas genéricas de instalação são as seguintes:

- 1. Caso não esteja instalado, instalar o SQL Server 2005 SP3 (Mixed Mode)
- 2. Verificar que o serviço do SQL Server 2005 SP3 está a correr
- 3. Iniciar o instalador do Aspen e configurar o servidor de licenças
- 4. Instalar o Aspen Engineering Suite
- 5. Escolher os pacotes pretendidos
- 6. Concluir a instalação
- 7. Iniciar o Aspen PLUS

Para visualizar as screenshots em tamanho maior utilizar a função zoom do seu leitor de PDF.

Antes de começar a instalação o **"Message Queuing**" do Windows tem de ser activado. Para o activar inicie o menu **"Activar ou Desactivar Funcionalidades do Windows**" no **"Painel de Controlo**" e no menu **"Windows**" active o **"Message Queuing**". Caso tenha **Vista ou 7**deve activar **"MSMQ Server**".

Painel de Controlo > Adicionar/Remover Programas OU Programas e Funcionalidades (windows 7 e Vista) > Activar ou Desactivar Funcionalidades do Windows > Message Queuing ou MSMQ Server - Core no caso de Vista/7.

INSTALAR O SQL SERVER SP3

No DVD do Aspen, na pasta "3rd Party Redistributables" que contém a pasta "Microsoft SQL Express 2005 SP3", executar o instalador "SQLEXPR.EXE".

A instalação é bastante intuitiva e as opções definidas por omissão são, regra geral, as mais adequadas. A única excepção é a escolha do modo de autenticação (**Authentication Mode**) que deve ser **"Mixed Mode**".

Screenshots:

Microsoft SQL Server 2005 Setup	Microsoft SQL Server 2005 Setup	Microsoft SQL Server 2005 Setup
End User License Agreement	Installing Prerequisites Installs software components required prior to installing SQL Server.	Installing Prerequisites Installs software components required prior to installing SQL Server.
<pre>HICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SOL SERVER 2005 EXPRESS EDITION SERVICE PACK 3 These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above which includes the media on which you received it, if any. The terms also apply to any Microsoft updates, supplements, Internet-based services, and support services v Igcest the locening terms and conditons</pre>	SQL Server Component Update will install the following components required for SQL Native Client Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files Click Install to continue.	SQL Server Component Update will install the following components required for SQL Server Setup: Viicrosoft SQL Native Clent Microsoft SQL Server 2005 Setup Support Files Configuring components
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Microsoft SQL Server 2005 Express Edition Setup	Microsoft SQL Server 2005 Express Edition Setup	🙀 Microsoft SQL Server 2005 Express Edition Setup
Registration Information The following information will personalize your installation.	Feature Selection Select the program features you want installed.	Authentication Mode The authentication mode specifies the security used when connecting to SQL Server.
The Name field must be filled in prior to proceeding. The Company field is optional.	Click an icon in the following list to change how a feature is installed.	Select the authentication mode to use for this installation.
Name: _TT Cgmpany: _TT	Cent Components X Connectivity Components X Connectivity Components X Software Development Xit	<u>Windows</u> Authentication Mode <u>Windows</u> Authentication and SQL Server Authentication]
	This feature requires 112 MB on your hard drive. It has 2 of 3 subfeatures selected. The subfeatures require 100 MB on your hard drive.	Specify the sa logon password below: Enter password: Confirm gassword:
V Hige advanced configuration options	C: Program Files (x86)/Wicrosoft SQL Server \ Browse Disk Cost	
Help < Back Next > Cancel	Help < Back Next > Cancel	Help < Back Next > Cancel
) Microsoft SQL Server 2005 Express Edition Setup	Hicrosoft SQL Server 2005 Express Edition Setup	Microsoft SQL Server 2005 Express Edition Setup
Configuration Options Configure user and administrator accounts	Error and Usage Report Settings Help Microsoft improve some of the SQL Server 2005 components and services.	Ready to Install Setup is ready to begin installation.
Enable User Instances This option enables users without administrator permissions to run a separate instance of the SQL Server Express Database Engine.	Automatically send Error reports for SQL Server 2005 to Microsoft or your corporate error reporting server. Error reports include information regarding the condition of SQL Server 2005 when an error occurred, your hardware configuration and other data. Error reports hery unintentionally include personal information, which will not be used by Microsoft.	Setup has enough information to start copying the program fles. To proceed, dick install. To change any of your installation settings, dick Badt. To exit setup, dick Cancel.
Add user to the SQL Server Administrator role This option adds the user who is running the SQL Server Express installation program to the SQL Server System Administrator role. By default, users on Microsoft Windows Vista operating system are not members of the SQL Server System Administrator role.	Automatically send Easture Usage data for SQL Server 2005 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use our software and services. By installing Microsoft SQL Server 2005, SQL Server and its components will be configured to automatically send fatal service error reports to Microsoft or a Corporate Error Reporting Server. Microsoft uses error reports to improve SQL Server functionality, and treats all information as confidential.	SQL Server Database Services (Database Services)
Help < Back Next > Cancel	Help <back next=""> Cancel</back>	Help < Back Instal Cancel
Microsoft SQL Server 2005 Setup	Microsoft SOL Server 2005 Setup	Microsoft SOL Server 2005 Setup
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SQL Server Database Services Configuring components	Sol. tao mile Sol. Server Database Services Setup finished	Surface Area Configuration tool.
- Status Copying new files File: Infon80.dll, Directory: , Size: 69632		Configuring and Managing SQL Server • Express • For improved manageability and security. SQL ■ • Server solutions control over the SQL Server solutions control over the SQL Server solutions carea. The following default configurations have been applied to your • instance GQL server. ■
		o TCP/IP connections are disabled
Help Cancel	Help <<< <u>B</u> ack Mext>> Cancel	Enish

Depois de executar o "setup.exe" no DVD e seleccionar o separador "Products" deverá configurar o servidor de licenças a ser usado pela instalação do Aspen. Depois de confirmar que está ligado à internet, escolher a opção "**License Server**" e usar o endereço do servidor de licença é o "**aspen.ist.utl.pt**". Deverão ser listados vários dos produtos licenciados pelo departamento, tal será um indicador de que o servidor de licenças está bem configurado.

Continuando no separador "**Products**", fazer duplo clique no item "**Aspen Engineering**", depois da janela dos termos e condições escolher "**Standart Install**" (clicar no computador com o monitor verde). Escolher a localização onde o Aspen será instalado e escolher os pacotes desejados. Para os alunos são recomendados apenas os pacotes "**Process Modelling**" e "**Process Development**".

Se o servidor de SQL, instalado na primeira parte deste guia, estiver bem configurado não deverá aparecer nenhuma mensagem de erro e após algumas janelas será pedido um utilizador e password, estes campos deverão ficar em branco e a caixa "**Skip username/password validation**" seleccionada.

Depois de rever os pacotes a instalar basta clicar em "Install" e esperar que a instalação conclua.

Com a instalação completa, abrir o "**Aspen Plus User Interface**", se tudo estiver bem instalado e configurado será possível abrir ou criar um ficheiro.



Screenshots:

詞 AspenTech Installer		J B AspenTech Installer		×	波 AspenTech Installer 포
License Agreement Please read the following license agreement ca	refully.	Computer Configuration Type Please select the type of installation the	at matches your computer configuration.	•	Choose Destination Location Setup will instal files to the following root folder.
Important information, rights, obligations, re disclarmers apply to your use of this software. And at the end of this software. A policing on inplies to use of this software. A policing on this software is polyare is a polyare is the terms and conditions executed with Aspen- you do not agree to be bound with either suit button and do not use this software. Any fu Do you accept all the terms of the preceding lease (a) (xe), j accept the terms in the lease agreeme (b) No, I do not accept the terms in the lease agreeme (b) No, I do not accept the terms in the lease agreement (b) No I do not accept the terms in the lease agreement (b) No I do not accept the terms in the lease agreement (b) No I do not accept the terms in the lease agreement (b) No I do not accept the terms in the lease agreement (b) No I do not accept the terms in the lease	strictions, limitations and warranty e. Before you click on the "Yes" button e following Aspentic chi software ons governing your access to and the "res" button, you are conserting to ech for your license of this software. He ho there use of this software will constitute e agreement?	Standard Install Chose the type if you use. Server Instal Chose the type if you server on a network.	we installing products for workstation or stan	adalone	All AgenTech products will be stored in subfolders of this folder, by default. To install to this folder, click Next. To install to a different folder, click Browse and select another folder. Destination Folder C:\Program Files (v86)\AgenTech\ Rowse
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Feature Selection for Aspen Engineering V Select the program features you want to install.	3	Feature Selection for Aspen Enginee Select the program features you want to	ring V7.3 install.	•	Choose Working Files Folder Location AspenTech products will store working files to this folder.
Click on an icon in the list below to install or remov	e a feature. Feature Description The following products/options will be	Click on an icon in the list below to install or	remove a feature. Feature Description The following products/options	s will be	AspenTech products will store working files in subfolders of this folder, by default.
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Select Compilers for Aspen Properties and Select the Fortran and C++ Compilers for Asp Model Library functionality.	Aspen Plus Model Library en Properties and Aspen Plus	User name and Password Please enter the Username and Passwo are installed with the selected products.	rd to configure the Windows services that	•	User name and Password Please enter the Username and Password to configure the Windows services that are installed with the selected products.
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H AspenTech Installer					
Ready to Install the Program The wizard is ready to begin installation.	•				
Click Install to begin the installation. If you want to review or change any of your in exit the wizard.	stallation settings, click Back. Click Cancel to				
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