

Projeto SAT – FISCAL Sistema Autenticador e Transmissor CF-e Cupons Fiscais Eletrônicos



Agenda da Apresentação

- Objetivo
- Ambiente de Emulação.
 - ✓ Hardware.
 - Software.
 - Instalação do Ambiente.
 - Configuração do Ambiente.

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Instalação da Aplicação.





Descrever a instalação e configuração do ambiente de emulação do sistema SAT para desenvolvimento do PAF.



Software de Instalação

Faça o download do software de instalaçao do Emulador do Equipamento S@T na página da SeFaz(S@T), e siga as instruções deste manual.



Ambiente de Emulação

Hardware

- Computador com Windows XP.
- Rede com acesso a internet.
- Porta serial COM.
 - Se não possuir porta serial COM utilizar o Emulador serial COM.



Ambiente de Emulação

Softwares

• Emulador G24-J MOTO2MOTO_Wireless_Toolkit_v1.2.exe

- Emulador serial COM hw-vsp3-single_3-0-37.exe
- JRE 6 instalado.



Ambiente de Emulação

✓ Instalação

• Executar o programa contido no CD de instalação MOTO2MOTO_Wireless_Toolkit_v1.2.exe

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Seguindo os passos a seguir

1. Localizar no CD a pasta "Emulador G24J"



2. Executar o arquivo "MOTO2MOTO_Wireless_ Toolkit_v1.2"



3. Seguir os passos do instalador





X

Instalação Emulador

4. Clicar em "Yes"

MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology, Setup

License Agreement

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Please read the following license agreement carefully.

	Licensee/Company: Entity receiving Software. Effective Date: Date of delivery of the Software to You. Software: Moto2Moto Wireless Toolkit 1.2 - Powered by Sun Java Technology. License Term: Perpetual (subject to termination under the SLA). Licensed Unit: Software Copy. Licensed unit Count: Unlimited. Permitted Uses: 1. You may reproduce and use the Software for Your own Individual, Commercial and Research and Instructional Use only for the purposes of designing, developing, testing, and
	Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install MOT02M0T0 Wireless Toolkit 1.2 Powerd by Sun Java[TM] Technology, you must accept this agreement.
installShield	< Back Yes No



5. Clicar em "Next"

va (TM) Virtual Machin	e Location
	J2SE Development Kit (JDK) (5.0 or later) is installed on your machine at C./Java/jdk1.6.0_16 Press Next'to use this JDK or Browse'to locate another JDK.
	NOTE: The MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology has been tested using JDK 5.0
	Destination Folder



6. Clicar em "Next"

Setup will install MDT02M0T0 Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another
rouer.
Destination Folder

MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology, Setup

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×

7. Clicar em "Next"

elect Program Folder		
Please select a program folder		
	Setup will add program icons to the Program Folder listed below. You may type a new folder name or select one from the existing folders list. Click Next to continue.	2
	Program Folder:	
	MOT02MOT0 Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology	1
	Existing Folders:	
	Acessórios	
	Adobe Master Collection CS4	
M	AntiVir PersonalEdition Classic	
	DAEMUN Tools Lite D-Link AirPlus XtremeG	
	Ferramentas administrativas GnuWin32	
	HP Inicializer	
	Iron Speed	1

8. Clicar em "Next"

Setup has enough information to start copying the program files. If you want to review any settings, click Back. If you are satisfied with the settings, click Next to begin cop Current Settings: Destination Directory C:M2M_WTK_12 Program Folder M0T02M0T0 Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology JVM Folder C:VJava\jdk1.6.0_16	w or change yving files.
x	2

MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology,

9. Aguardar a instalação



10. Clicar em "Finish"





Configuração do Emulador





😸 Default Devi	ce	<u>- 🗆 ×</u>
Default Device:	OEMDevice	-
	DefaultColorPhone HMIDevice	
	OEMDevice	

- 2. Selecionar "OEM Device"
- 3. Clicar em "OK"

😸 Default Device		
Default Device:	MDevice	•
	ОК	Cancel
	OK	



Instalação do Certificado



Instalação do Certificado

2. Selecionar "Manage Certificates"

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3. Clicar em "Launch"





4. Selecionar "Import Certificate"

TaUtilities	
Emulators: Defau	JIL Emulator
🖥 Java ME Platform Certificate Manager [main.ks]
File Action	
Open Keystore	able/Disable Certificate
ertificate List Import Certificate	Java ME Platform Key Details
CN=Sun Microsystems Inc TEST CA;O=Sun Mic CN=thehost;OU=JCT;O=dummy CA;L=Santa C=Uhknown;ST=dummy;L=Uhknown;O=dumm C=Uhknown;ST=dummy;L=Uhknown;O=dumm C=US;O=Equifax Secure Inc.;CN=Equifax Sec C=US;O=Ver/Sign, Inc.;OU=Ver/Sign Trust Net C=US;O=Ver/Sign, Inc.;OU=Class 2 Public Prim C=US;O=Ver/Sign, Inc.;OU=Ver/Sign Trust Net O=Entrust.net;OU=www.entrust.net/GCCA_C C=US;O=Ver/Sign, Inc.;OU=Class 2 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 2 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 2 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 2 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 1 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 1 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 1 Public Prim C=US;O=Ver/Sign, Inc.;OU=Class 1 Public Prim C=US;O=Entrust.net;OU=www.entrust.net/C C=US;O=Entrust.net;OU=www.entrust.net/C	

Instalação do Certificado

- 5. Selecionar o certificado "SEFAZ.cer"que se encontra na pasta: d:\Certificado Raiz
- 6. Clicar em "Import"





7. Selecionar a opção "trusted"

	N Utilities		
	Emulators: Default Emulator		
🐻 Java ME Platform C	ertificate Manager [_main.ks]		- 0 >
File Action			
Open Keystore In	port Certificate Enable/Disable Cer	rtificate	
Certificate List	Java ME Platfi	orm Key Details	
CN=Sun Microsystems In CN=thehost;OU=JCT;O	c TEST CA;O=Sun Mic		
C=Unknown;SI:	er Security Domain		×
C=US;O=Equifa C=US;O=VeriSic C=US;O=VeriSic C=US;O=VeriSic C=US;O=VeriSic O=Entrust.net;C	The certificate from the key pair will Please enter the security domain to untrusted untrusted trusted	be imported to the mobile keysta use with this certificate:	v
C=US;O=MTG Corporatio O=Entrust.net;OU=www C=US;O=VeriSign, Inc.; C=ZA;ST=Western Cape C=US;O=VeriSign, Inc.; C=US;O=Entrust.net;OL C=ZA:ST=Western Cape	n;OU=GTE CyberTru: entrust.net/SSL_CPS)U=Class 1 Public Prim ;L=Cape Town;O=Th DU=Class 1 Public Prim =www.entrust.net/C :L=Cape Town;O=Th		
	La	aunch Close	

Instalação do Certificado

8. Clicar em "OK"

	Utilities			
	Emulators:)efault Emulator	-	
🖼 Java ME Platform	Certificate Manage	er [_main.ks]		_ 🗆 🗙
File Action				
Open Keystore	Import Certificate	Enable/Disable Certificate		
Certificate List		Java ME Platform Key	Details	
CN=thehost;OU=JCT; C=Unknown;ST= C=U5;ST=Unkni C=U5;O=Equifa C=U5;O=VeriSic C=U5;O=VeriSic C=U5;O=VeriSic C=U5;O=VeriSic C=U5;O=VeriSic C=U5;O=The G C=U5;O=The G C=U5;O=The G	O=dummy CA;L=Santa Inter Security Doma The certificate fr Please enter the Trusted tion;OU=GTE CyberTru we entrust pet/SL_C	ainininin the key pair will be impor security domain to use with OKCancel	ted to the mobile keystore this certificate:	× e.
C=US;O=VeriSign, Inc C=ZA;ST=Western Ca C=US;O=VeriSign, Inc C=US;O=Entrust.net; C=ZA;ST=Western Ca	.;OU=Class 1 Public Pri pe;L=Cape Town;O=T .;OU=Class 1 Public Pri OU=www.entrust.net/ pe:L=Cape Town:O=T			
		Launch	Close	



Instalação do Certificado

Visualização da importação realizada com sucesso

Emulators: Defaul	ault Emulator
Java ME Platform Certificate Manager [_n File Action	_main.ks]
Open Keystore Import Certificate Enab	nable/Disable Certificate
ertificate List	Java ME Platform Key Details
C=US;O=Equifax;OU=Equifax Secure Certifice C=ZA;ST=Western Cape;L=Cape Town;O=Th C=ZA;ST=Western Cape;L=Cape Town;O=Th C=US;O=VeriSign, Inc.;OU=Class 3 Public Prim O=Entrust.net;OU=www.entrust.net/CPS_20- L=ValiCert Validation Network;O=ValiCert, Inc. C=IE;O=Baltimore;OU=CyberTrust;CN=Baltim C=US;O=RSA Data Security, Inc.;OU=Secure C=US;O=Entrust.net;OU=www.entrust.net/C C=US;O=GeoTrust Inc.;CN=GeoTrust Global C C=US;O=GeoTrust Inc.;CN=GeoTrust Global C C=US;O=Starfield Technologies, Inc.;OU=Star C=US;O=Equifax Secure Inc.;CN=Equifax Sec C=IE;O=Baltimore;OU=CyberTrust;CN=Baltim C=US;O=Equifax Secure;OU=Equifax Secure i ST=state;L=city;O=org;OU=orgUnit;CN=cNar	Owner: C=BR;ST=Sao Paulo;L=Sao Paulo;O=Sefaz;OU=TI;CN=Sefaz Valid from Wed Nov 04 16:42:08 BRST 2009 to Fri Nov 04 16:42:08 BRST 201 Security Domain: trusted State: enabled



1. Localizar a pasta "Emulador Serial" no CD



 Abrir a pasta "Emulador Serial", e executar o arquivo "hw-vsp3-single_3-0-37"



3. Clicar em "Next"

Setup - HW Virtual Serial Port



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Welcome to the HW Virtual Serial Port Setup Wizard

This will install HW Virtual Serial Port 3.0.37 Single on your computer.

It is recommended that you close all other applications before continuing.

Click Next to continue, or Cancel to exit Setup.

Next >

Cancel



4. Aceitar a licença, e clicar em "Next"

Setup - HW Virtual Serial Port			_ []
License Agreement Please read the following important informa	ation before continu	uing.	
Please read the following License Agreem agreement before continuing with the insta	ent. You must acce allation.	ept the terms of th	nis
The Software Product under the Frecher Control of the Frecher Contro	eeware License	is provided fr	ee of 🔺
Even though a license fee is not paid software, it does not mean that there software:	d for the use of ti are no condition	ne Freeware Ve ns for using suc	ersion :h
1. The Licensee will not have any pro Licensee acknowledges and agrees	oprietary rights to s that the Licens	o the Software. or retains all	The 🗾
I accept the agreement			
○ I do not accept the agreement			
	< Back	Next>	Cancel



5. Clicar em "Next"

etup - HW Virtual Serial Port		
Information Please read the following important informa	ation before continuing.	
When you are ready to continue with Setu	ıp, click Next.	
HW group		-
U Pily 1/103 Praba 4 - Modřany		
143 00		
Czech Republic		
http://www.HW-group.cz		
HW Virtual Serial Port 3.0.37		
HW VSP is a software tool, which ad	ids to the operating system a virtual	
COM port, (COM 5 for example) and	redirects the data from this port	
through the TCP/IP network to anoth address and port number.	er hardware interface, defined by IP	-
	<back next=""></back>	Cancel



6. Clicar em "Next"

Setup - HW Virtual Serial Port			_ 🗆 🗵
Select Destination Location Where should HW Virtual Serial Port be installe	ed?		
Setup will install HW Virtual Serial Po	rt into the follov	ving folder.	
To continue, click Next. If you would like to se	lect a different	folder, click Brow	ise.
C:\Arquivos de programas\HW group\HW VS	SP3s	Br	owse
At least 0,7 MB of free disk space is required.			
		A	
	< Back	Next >	Cancel



- 7. Selecionar a opção "Standalone Application"
- 8. Clicar em "Next"

elect Components	
Which components should be installe	ed?
Select the components you want to i install. Click Next when you are read	nstall; clear the components you do not want to y to continue.
Custom installation	×
Driver Files	0,1 MB
Program Files	2,9 MB
- O Standalone Application	1,1 MB
Client-Server Application	1.0.40
	1,3 MB
	1,0 MB
Current selection requires at least 4,6	6 MB of disk space.





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10. Clicar em "Next"



11. Clicar em "Install"

etup - HW Virtual Serial Port		>
Teady to Install Setup is now ready to begin installing HV	V Virtual Serial Port on your comput	er.
Click Install to continue with the installation change any settings.	on, or click Back if you want to revi	ew or
Destination location: C:\Arquivos de programas\HW grou	ip\HW VSP3s	-
Setup type: Custom installation		
Selected components: Driver Files Program Files Standalone Application		
Start Menu folder: HW group\HW Virtual Serial Port Sir	ngle	_
1		


Instalação Serial

<u>,</u>

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12. Aguardar a Instalação

Setup - HW Virtual Serial Port	
Installing Please wait while Setup installs HW Virtual Serial Port on your computer.	
Installing virtual serial port driver	
	Cancel





	1	Catálogo do Windows						
		Definir acesso e padrões do programa						
	45	Start Art of Illusion						
	1	Windows Update						
	稐	Programas		Acessórios Windows Live	+			
Inal	Ì	Documentos	•	MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology	+			
essic	2	Configurações	, 📾	HW group		HW Virtual Serial Port Single	•	HW Virtual Serial Port
Prof	Ø	Pesquisar	•		-		C] Readme
XP	•	Ajuda e suporte						🛃 Reset VSP Bus 🚽 Uninstall HW Virtual Serial Port
Mob	2	Executar						
Win	0	Desligar						

1. Clicar em Iniciar > Programas > HW Group > HW Virtual Serial Port Single > HW Virtual Serial Port



2. Selecionar a aba "Settings"

HW Virtual Seria	l Port - HW VSP3 (Admin access) 📃 🗆 🕨
JDP Search Virtual	Serial Port Settings	Advanced
Warning: UDP SEARCH work network segment.	s only with original. H	W group devices on local
No device found		
MAC Address	IP Address	Device Type
1	Luc Thin D	
▲	u	ey.
Search For Dev Search For Dev www.HW-group.co] 🗸 Use This D	ev.



3. Habilitar as opções:

- TCP Server Mode
- Purge Buffers when Port is Opened

DPS	earch Virtual Serial Port Settings Advanced
Sett	ings
	Log Enabled
	Create VSP Port when HW VSP Start-up
1	TCP Server Mode
	Purge Buffers when Port is Opened
	Connect to Device even if Virtual COM is closed
	Use NOP to Keep Connection
	🔲 Renew Automatically
	NVT Enabled
	🥅 Remote Port Setup
	🔲 Keep Connection
	Strict Baudrate Emulation
	Close Inactive Connection in 10 minutes
H	Save Settings to INI file
Ver	sion 3.0.37 I/O + Serial over IP / Multiport driver



- 4. Selecionar a aba "Virtual Serial Port"
- 5. Selecionar Port Name: "COM3"
- 6. Alterar o IP Address para : "127.0.0.1"

- 7. Alterar o Port: "5000"
- 8. Clicar em "Create COM"

Port Name:	IP Address: Port. 127.0.0.1 Sect. 5000
VSP	
Status: Deleted	Status: Closed
Baud: -	
Bits: +	
Parity: -	VSP: LAN: QUEUE:
Stopbits: -	Rx: 152 324 0
Handflow: -	Tx: 324 152 0
<u>Create COM</u> <u>Second</u>	Delete COM



9. Minimizar a janela

General	
Port Name: COM3 💌 <==>	127.0.0.1 S000
E External NV/T Common	Ret 5000
VSP	
Status: Created	Status: Listen
Baud: -	C
Bits: -	
Parity: -	VSP: LAN: QUEUE:
Stopbits: -	Rx: 152 324 0
Handflow: -	Tx: 324 152 0
🔬 Greate COM 📔 🗙	Delete COM
group	

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 Antes de efetuar a instalação da Aplicação J2ME, deve-se configurar o arquivo M2MSAT.JAD que encontra-se na pasta APP J2ME do CD.





1. Selecionar e Abrir com um Editor de texto



- 1. Configurar a penúltima linha do arquivo jad,
- SERIAL : Solicitar número com a SEFAZ-SP.

📕 M2M5AT.jad - WordPad	
Arquivo Editar Exibir Inserir Formatar Ajuda	
MIDlet-1: MIDlet-1,,br.com.pirus.m2m.sat.MidletSAT	
MIDlet-Jar-Size: 140125	
MIDlet-Jar-URL: M2MSAT.jar	
MIDlet-Name: UserMIDlet	
MIDlet-Permissions: javax.microedition.io.Connector.comm,	
javax.microedition.io.Connector.datagram,	
javax.microedition.io.Connector.Matagramreceiver,	
javax.microedition.io.Connector.http,	
javax.microedition.io.Connector.https,	
javax.microedition.io.Connector.ssl,	
javax.microedition.io.Connector.serversocket,	
javax.microedition.io.Connector.socket,	
javax.microedition.io.PushRegistry,	
javax.microedition.io.Connector.sms,	
javax.microedition.io.Connector.cbs,	
javax.microedition.io.Connector.mms,javax.wireless.messaging.sms.send,	
javax.wireless.messaging.sms.receive,javax.wireless.messaging.cbs.receive	<u>,</u>
javax.wireless.messaging.mms.send,javax.wireless.messaging.mms.receive	1000 V.
MIDlet-Vendor: MIDlet Suite Vendor	
MIDlet-Version: 1.0.0	
MicroEdition-Configuration: CLDC-1.1	
MicroEdition-Profile: MIDP-2.0	
OSCProperties: oem.lastfault.running,oem.lastfault.panic,	
oem.lastfault.ota,oem.lastfault.reportaddress1,oem.lastfault.reportaddres	332,
oem.lastfault.reportaddress3,oem.logs.ams.available,oem.logs.ams.route,	
oem.logs.stdout.available,oem.logs.stdout.route,oem.logs.display.availabl	.e,
oem.version.software,oem.version.flex,oem.version.dm,oem.version.um,	
oem.hw.module,oem.hw.imei,oem.mode,oem.dm.smslistener,oem.audio.digital,	
oem.dm.updateurl,oem.kmgrpin.timesample,oem.partial.contradictingat.avail	able
SERIAL: 123000002	
SERIAL PORT: COM7	
	•
Para obter ajuda, pressione E1	MUM /

1. A configuração do SERIAL_PORT definida no jad, é a que será utilizada na configuração do emulador do serial, conforme apresentado anteriormente como sendo a COM3.

M2M5AT.jad - WordPad	
MIDlet-1: MIDlet-1,,br.com.pirus.m2m.sat.MidletSAT	
MIDlet-Jar-Size: 140125	
MIDlet-Jar-URL: M2MSAT.jar	
MIDlet-Name: UserMIDlet	
MIDlet-Permissions: javax.microedition.io.Connector.comm,	
javax.microedition.io.Connector.datagram,	
javax.microedition.io.Connector.datagramreceiver,	
javax.microedition.io.Connector.http,	
javax.microedition.io.Connector.https,	
javax.microedition.io.Connector.ssl,	
javax.microedition.io.Connector.serversocket,	
javax.microedition.io.Connector.socket,	
javax.microedition.io.PushRegistry,	
javax.microedition.io.Connector.sms,	
javax.microedition.io.Connector.cbs,	
javax.microedition.io.Connector.mms,javax.wireless.messaging.sms.se	nd,
javax.wireless.messaging.sms.receive,javax.wireless.messaging.cbs.re	eceive,
javax.wireless.messaging.mms.send,javax.wireless.messaging.mms.rece:	ive
MIDlet-Vendor: MIDlet Suite Vendor	
MIDlet-Version: 1.0.0	
MicroEdition-Configuration: CLDC-1.1	
MicroEdition-Profile: MIDP-2.0	
OSCProperties: oem.lastfault.running,oem.lastfault.panic,	
oem.lastfault.ota,oem.lastfault.reportaddress1,oem.lastfault.report#	address2,
oem.lastfault.reportaddress3,oem.logs.ams.available,oem.logs.ams.ro،	ute,
oem.logs.stdout.available,oem.logs.stdout.route,oem.logs.display.av	ailable,
pem.version.software,oem.version.flex,oem.version.dm,oem.version.um	
oem.hw.module,oem.hw.imei,oem.mode,oem.dm.smslistener,oem.audio.dig:	ital,
oem.dm.updateurl,oem.kmgrpin.timesample,oem.partial.contradictingat	.available
SERIAL: 1230000002	
SERIAL_PORT: COM7	



1. Clicar em Iniciar > Programas > MOTO2MOTO.... > M2M WTK1.2

		Catálogo do Windows Definir acesso e padrões do programa Start Art of Illusion Windows Update			
	1	Programas •	Acessórios	•	
nal	Ì	Documentos •	MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology	۱ 😡	Default Device Selection
essio	2	Configurações •	mੇ HW group ¥	•	Documentation M2M WTK1.2
Prof	P	Pesquisar +		đ	OTA Provisioning
s XP	0	Ajuda e suporte			Preferences
iow:		Executar		T) Utilities
Wind	0	Desligar			



2. Tela Inicial





3. Selecionar "File" > "Create project from JAD/JAR file...."

10T02M0T0 Wireless Toolk	kit 1.2 Powered by Sun Java(TM) Technology	
Edit Project Help		
lew Project	oject 🗞 Settings 🖏 Build 🗇 Package	Sign
Treate project from JAD/JAR file	B	
Open Project	Sign Sign Sign Sign Sign Sign Sign Sign	
Jtilities	a eviating one	
lxit	l existing one	



3. Selecionar "File" > "Create project from JAD/JAR file...."

MOTO2MOTO Wirele File Edit Project Helj	ess Toolkit 1.2 Powered by Sun Java(TM) Technology - M2MSAT
New Project	😰 Open Project 🛛 🍫 Settings 🏾 🦉 Build 🖉 Package 🖉 Sign
Device: OEMDevice	▼ Sp Run Sp Install and Run
M2M5AT B C Resources B Binaries	Welcome Console Project "M2MSAT" loaded
	Clear Console



- 3. Selecionar o arquivo "M2MSAT.jad", localizado na pasta: "d:\APP J2ME"
- 4. Clicar em "Open"

MOTO2MOTO Wireles	ss Toolkit 1.2 Powered by Sun Java(TM) Technology	×
File Edit Project Help		
New Project	Copen Project	
Devi 🖾 Create new pr	oject from JAD	
Look in:	C APP J2ME	_
Cre Documentos recentes Desktop Desktop Meus documentos Meu computador	M2MSAT.jad	
Meus locais de	File name: M2MSAT.jad Open	
rede	Files of type: JAD files (*.jad)	
	Save Console	



5. Clicar em "Install and Run"

MOTO2MOTO Wirele	ss Toolkit 1.2 Powered by Sun Java(TM) Technology - M2MSAT
File Edit Project Help	😰 Open Project 🔍 Settings 🎇 Build 🕼 Package 🖓 Sign
Device: OEMDevice	Run Stall and Run
M2MSAT	Welcome Console
	Clear Console



- 6. Aplicação rodando com sucesso
- 7. Finalizar a janela de status (+5550000 – OEMDevice)





- 8. Clicar em "Run'
- 9. Aplicação SA1 rodando com sucesso

10. FIM

New Project	😰 Open Project 🔍 Settings 🦉 Build 🕼 Package 🕺 Sign		
Device: OEMDevice	▼ Sp Run		
M2MSAT	Welcome Console		
Bactor Hes Be Carlos Resources Be Carlos Binaries	Running with locale: Portuguese_Brazil.1252 No audio device found. [2009-12-29 15:26:58.140]:NTP - Atualizando horario [2009-12-29 15:26:58.171]:datagram://ntp.cais.mp.br:123 length packet : 8192 [2009-12-29 15:26:58.187]:write datagram [2009-12-29 15:26:58.203]:send datagram		
	[2009-12-29 15:26:58:218]:NTP request sent, waiting for response MiDet External Events View Help		-15
	[2009-12-29 15:26:58.250]:NTP package receive		P
	[2009-12-29 15:26:58.265]:NTP atualizando data e hora	Gpio	
	[2009-12-29 15:26:58.281]: data atual = Tue Dec 29 18:27:10 UTC 200! Name: MOTOCOM CH	I1: 1.13 Gpio 1	(In) (
	[2009-12-29 15:26:58.296]; horario verao Signal Strength: 24 (RSSI)	12: 1.13 Gpio 2	(In) (
	[2009-12-29 15:26:58.328]:Data atualizada : Tue Dec 29 18:26:58 UTC Clock Supported: Yes CH	Gpio 3 Gpio 3	(In) (
	[2009-12-29 15:26:58.343]. GPR5 Reg State: Home	Gpio 4	(In) (
	[2009-12-29 13:26:58:390]:Aquardando conexoes na porta serial: COM: G5M Reg state: Home	Gpio 5	(In) (
	[2009-12-29 15:26:58.406];BaudRate : 115200 Cell Location Area: 2648	Gpip 6	(In) (
	Cell Code: 988c Sta	Gpio 7 ate: Inserted	(In) 🚺
	Clear Console	Gpio 9	(Out) 🕻
	Low Power Mode: Off	Gpio 10	(Out) 🕻
	Watchdog: Off	Gpio 11	(Out) 🕻
	Time & Date: 29-DEC-2009 19:28:18	Gpio 12	(In) (
	Alarm: 31-DEC-2088 23:59:59 💋	Gpio 13	(In) (
	Battery Level: 3900 mV	Gpio 14	(In) (
	Temperature: 25 (Celsius)	Gpio 15	(Out) 🤇
		Goio 16	((n))



Com a aplicação SAT instalada e funcionando. Execute os seguintes passos:

New Project	E Open Project Settings Build Package Sign		_		
Device: OEMDevice	▼ Sp Run Sp Install and Run				
M2M5AT Source Files Concerned Concerned	Welcome Console Running with locale: Portuguese_Brazil.1252 No audio device found. [2009-12-29 15:26:58.140]:NTP - Atualizando horario [2009-12-29 15:26:58.171]:datagram://ntp.cais.rnp.br:123 length packet [2009-12-29 15:26:58.187]:write datagram [2009-12-29 15:26:58.187]:write datagram	: 8192			
	[2009-12-29 15:26:56:203].seru datagram [2009-12-29 15:26:58:218]:NTP request sent, waiting for response	+5550000 - OEMDevice			
	[2009-12-29 15:26:58.234]:Data atual Tue Dec 29 18:26:58 UTC 2009	MIDlet External Events View Help			
	[2009-12-29 15:26:58:250]:NTP package receive [2009-12-29 15:26:58 265]:NTP atualizando data e hora	- Network	A2D	GDIO	Por
	[2009-12-29 15:26:58:281]: data atual = Tue Dec 29 18:27:10 UTC 200	Name: MOTOCOM	CH1: 1.13	Gpio 1	(In) 🔘
	[2009-12-29 15:26:58.296]: data atual = Tue Dec 29 18:27:10 UTC 200	Signal Strength: 24 (RSSI)	CH2: 1.13	Gpio 2	(In) 🔘
	[2009-12-29 15:26:58.296]:norario verao [2009-12-29 15:26:58.328]:Data atualizada : Tue Dec 29 18:26:58 UTC	Clock Supported: Yes	CH3: 1.13	Gpio 3	(In) 🔘
	[2009-12-29 15:26:58.343].**********************************	GPRS Reg State: Home	Call	Gpio 4	(In) 🔘
	[2009-12-29 15:26:58.390]:Nome thread serial= Thread-7	G5M Reg state: Home	State: Idle	Gpio 5	(In)
	[2009-12-29 15:26:58:390].Aguardando conexces na porta senal. COM. [2009-12-29 15:26:58:406]:BaudRate : 115200	Cell Location Area: 2648		Gpio 6	(In) 🖉
		Cell Code: 988c	SIM	Gpio 7	(In) 🖉
	Clear Console		State. Inserted	Gpio 9	(Out) 🔘
<u>P</u>		Low Power Mode: Off		Gpio 10	(Out) 🔘
		Watchdog: Off		Gpio 11	(Out) 🔘
		Time & Date: 29-DEC-2009 19:28:	18	Gpio 12	(In) 🔘
		Alarm: 31-DEC-2088 23:59:5	59 Ø	Gpio 13	(In) 🔘
		Battery Level: 3900 mV		Gpio 14	(In)
		Temperature: 25 (Celsius)		Gpio 15	(Out) 🤘
		Antonna Proconcol Voc		Gpio 16	(In) 🔘



	1	Catálogo do Windows						
		Definir acesso e padrões do programa						
	45	Start Art of Illusion						
	1	Windows Update						
	稐	Programas		Acessórios Windows Live	+			
Inal	٢	Documentos	•	MOTO2MOTO Wireless Toolkit 1.2 Powered by Sun Java(TM) Technology	+			
essic	2	Configurações	, 📾	HW group		HW Virtual Serial Port Single	•	HW Virtual Serial Port
Prof	Ø	Pesquisar	•		-		C] Readme
XP	•	Ajuda e suporte						Reset VSP Bus Uninstall HW Virtual Serial Port
Mob	2	Executar						
Win	0	Desligar						

1. Clicar em Iniciar > Programas > HW Group > HW Virtual Serial Port Single > HW Virtual Serial Port



SAT - FISCAL

2. Selecionar a aba "Settings"

HW Virtual Seria	al Port - HW V5P3 ((Admin access) 📃 🔲
JDP Search Virtua	I Serial Port Settings	s Advanced
Warning: UDP SEARCH wor network segment.	ks only with original. H	IW group devices on local
No device found		
MAC Address	IP Address	Device Type
Search For De	🗸 🖉 Use This D	ev.
HW gro		
Version 3.0.37	I/O + Serial o	ver IP / Multiport driver



- 3. Habilitar somente a opção:
 - Purge Buffers when Port is Opened

🙀 HW Virtual Serial Port - HW VSP3 (Admin access) 📃 🔲 🗙
UDP Search Virtual Serial Port Settings Advanced
Settings
Log Enabled
Create VSP Port when HW VSP Start-up
TCP Server Mode
Purge Buffers when Port is Opened
Connect to Device even if Virtual COM is closed
Use NOP to Keep Connection
🗖 Renew Automatically
NVT Enabled
🥅 Remote Port Setup
🗖 Keep Connection
Strict Baudrate Emulation
Close Inactive Connection in 10 minutes
Save Settings to INI file
Version 3.0.37 I/O + Serial over IP / Multiport driver

- 4. Selecionar a aba "Virtual Serial Port"
- 5. Selecionar Port Name: "COM4"
- 6. Alterar o IP Address para : "127.0.0.1"

- 7. Alterar o Port: "5000"
- 8. Clicar em "Create COM"

DP Search Virtual Serial F General Port Name: COM4 <==>	fort Settings Advanced IP Address: Port: 127.0.0.1 T 5000
VSP Status: Deleted Baud: - Bits: - Parity: - Stopbits: - Handflow: -	LAN Status: Closed Counters VSP: LAN: QUEUE: Rx: 223 39 0 Tx: 39 223 0
🔏 Create COM 🛛 🖇	S <u>D</u> elete COM
HUDgroup www.HW-group.com Version 3.0.37	D + Serial over IP / Multiport driver



SAT - FISCAL

9. Minimizar a janela

DP Search Virtual Serial F	^p ort Settings Advanced
General	
Port Name:	IP Address: Port.
COM4 💌 <==>	127.0.0.1 💌 🗧 5000
External NVT Commar	nds Port: 5000
VSP	
Status: Created	Status: Closed
Baud: -	
Bits: -	
Parity: -	VSP: LAN: QUEUE:
Stopbits: -	Rx: 223 39 0
Handflow: -	Tx: 39 223 0
1	
🔬 Greate COM 🛛 🛃	K Delete COM
- Jaroun	
www.HW-group.com	
	and the second s
Version 3.0.37) + Serial over IP / Multiport driver

10. Selecionar a pasta M2MAtivação do CD de instalação.

C:\Software apresentacao emul	ador			
Arquivo Editar Exibir Favoritos	Ferramentas	Ajuda		//
🔆 • 🕑 • 🏂 🔎 🍋	-			
ndereço 🛅 C:\Software apresentac	ao emulador			💌 🔁 Ir
Tarefas de arquivo e pasta	*			
Outros locais	*	0		
Detalhes	*	APP J2ME	Certificado Raiz	Emulador G24J
			0	
		Emulador Serial	JRE	M2MAtivacao

11. Abrir o arquivo "cumpomCFE.txt" com um Editor de texto.

늘 C:\Software apresentacao emula	idor\M2MAtiva	icao			
Arquivo Editar Exibir Favoritos	Ferramentas	Ajuda			27
] 🔇 • 🕥 • 🏂 🔎 🍋	•				
Endereço 🛅 C:\Software apresentaca	o emulador\M2M/	Ativacao			💌 🄁 Ir
Tarefas de arquivo e pasta	*	~	199998		
Outros locais	*		III II	E	
Detalhes	*	lib Bloco Interr Interr Aplica	cupomCFE.txt	Abrir Imprimir Editar 7-Zip Verificar com o Microso Edit with Notepad++ Abrir com Enviar para Recortar Copiar Criar atalho Excluir Renomear	oft Security Essentials
		Escolher	r progrăma	Propriedades	



12. Editar o arquivo cupomCFE.txt preenchendo o 4º campo com o CNPJ obtido com a SEFAZ, conforme exemplo abaixo.

🕞 cupomCFE.txt - Bloco de notas	
Arquivo Editar Formatar Exibir Ajuda	
E14 0001 12345678912345 <mark>44444444444444444444444444444444444</mark>	A A
	► //.

13. Executar o arquivo M2MAtivacao.jar

C:\Software apresentacao emula	ador\M2MAtiva	icao		
Arquivo Editar Exibir Favoritos	Ferramentas	Ajuda		//
😌 • 🕑 • 🏂 🔎 🍋	•			
ndereço 🗀 C:\Software apresentaca	ao emulador\M2M	Ativacao		Tr 🔁
Tarefas de arquivo e pasta	*	~	100000	
Outros locais	*			
Detalhes	*	lib		M2MAtivacao jar
				ومعقدا
			*	11 m
		rxtxParallel.dll	rxtxSerial.dll	Trace.log
				100000000000 - 1

- 14. Preencher o campo CNPJ com o CNPJ obtido na SEFAZ.
- 15. Definir o código de ativação que será utilizado na momento de emitir os documentos fiscais.
- 16. Ao iniciar, o software de ativação carrega o número serial do SAT automaticamente.

SAT-FISCA Sistema Autenticador e de Cupom Fiscal Eleti 2): . / - figo de ativação do SAT:	NL Transmissor ônico(CFe) ão do 5AT:
Sistema Autenticador e de Cupom Fiscal Eletr 2): . / - ligo de ativação do SAT: nfirmação do código de ativaç nero de série:	Transmissor ônico(CFe) ão do 5AT:
de Cupom Fiscal Eleti 23: 	ônico(CFe) ão do 5AT:
 J: J - digo de ativação do SAT: nfirmação do código de ativaç nero de série: 	ão do SAT:
digo de ativação do SAT: nfirmação do código de ativaç nero de série:	ão do SAT:
digo de ativação do SAT: nfirmação do código de ativaç nero de série:	ão do SAT:
nfirmação do código de ativaç nero de série:	ão do SAT:
nero de série:	
30000001	
portante:	
caso de esquecimento da senha, a recuperada e o equipamento deve o fabricante.	mesma não poderá rá ser reinicializado
Clique aqui T	estar
para ativar c	omunicação
0 54 (



17. Após preencher todos os campos clicar no botão de ativação para ativar.





SAT - FISCAL

 Após a conclusão do processo, será exibida uma mensagem informando se a ativação foi bem sucedida.

	SAT-FISCAL Sistema Autenticador e Transmissor de Cupom Fiscal Eletrônico(CFe)
	LNPJ: 44,444,444/4444-44
i)	Parabéns você pode agora utilizar o seu SAT-FISCAL!
	v
	Em caso de esquecimento da senha, a mesma não podera ser recuperada e o equipamento deverá ser reinicializado pelo fabricante.
	Em caso de esquecimento da senha, a mesma não podera ser recuperada e o equipamento deverá ser reinicializado pelo fabricante. Clique aqui para ativar Comunicação



 19. Clicar no botão "Testar comunicação" para verificar se a comunicação com a SEFAZ está funcionando.
 Esse processo carrega o arquivo cupomCFE.txt configurado anteriormente e o envia a SEFAZ.





- 20. Caso o teste funcione será exibida a mensagem "Teste fim a fim executado com sucesso".
- 21. Após este procedimento a Aplicação SAT estará pronta para processar os cupons fiscais.

ATIVAÇÃO SAT-FISCAL V3.0 Not@ Pau Quanto mais mais voce	ucé pode, i ganha. ■ ■ × 00:00
SAT-FI Sivema Autenticad de Cupom Fiscal CNPJ:	SCAL dor e Transmissor Eletrônico(CFe)
Message	×
(i) Teste fim a fim ex	xecutado com sucesso!
1230000001	10
Importance: Em caso de esquecimento da sen ser recuperada e o equipamento pelo fabricante.	iha, a mesma não poderá deverá ser reinicializado
Clique aqui para ativar	Testar comunicação
	•• III. @ Y



INICIALIZAÇÃO APÓS A INSTALAÇÃO

Os procedimentos a seguir, devem ser executados toda vez que a máquina é inicializada



Inicialização do SAT

- 1. Executar o aplicativo "hw virtual Serial Port"
- 2. Configurar a porta COM3 conforme descrito na instalação.
- Configurar a porta COM 4 conforme descrito na instalação da COM3, exceto pelo fato da necessidade de desmarcar o item "TCP Server Mode" na aba "Settings"

- 4. Executar o "M2M WTK 1.2"
 - i. Clicar em "Open Project"
 - ii. Selecionar "M2MSAT"na lista; e
 - iii. Clicar em"Run"




VIZUALIZAÇÃO DOS ARQUIVOS ENVIADOS





Visualização dos Arquivos

- Os cupons emitidos podem ser verificados na pasta: "C:\M2M_WTK_12\appdb\OEMDevice\filesystem\c\"
 - 1. Na subpasta ADdados: arquivo tipo AD
 - 2. Na subpasta AControle: arquivo tipo AC
 - 3. Na subpasta Aidentificação: arquivo tipo Al

SAT - FISCAI