

Installation Guide TELUS for the PC

TELUS National Version 4.0

A State-of-the-Art Transportation Information System for the 21st Century



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A State-of-the-Art Transportation Information System for the 21st Century <u>FHWA's "Priority Market-Ready Technology"</u>

Developed by New Jersey Institute of Technology

With funding from U.S. Department of Transportation, Federal Highway Administration

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Before You Install TELUS for the PC

WARNING: TELUS application *requires* Microsoft Access to be installed on each workstation and the server computer (in case of a network deployment). If Microsoft Access is not installed, you will need to install Microsoft Access 2000 Runtime prior to installing TELUS application. Microsoft Access 2000 Runtime is provided on the TELUS installation CD-ROM. Please note that using MS Access 2000 Runtime results in a slight loss of functionality of the TELUS application. Users of the runtime version cannot edit the pre-formatted reports in TELUS. However they can use the report wizard (discussed in TELUS User's Manual, Chapter 16, *Generating Reports*) to create new reports.

COMPATRIBILITY: TELUS application is compatible with Microsoft Access 2000, XP, and 2003 versions.

NEW DEVELOPMENT: Microsfot Access 2007 users should contact TELUS technical support by e-mail at <u>telus@njit.edu</u>. We will give you a link to download a beta version of the Access 2007 compatible application.

Installing TELUS From the TELUS Installation CD-ROM

STEP 1: Run the installation program

To run the installation program:

- 1. Insert the TELUS National v.4.0 Installation CD into the CD-ROM drive on your PC.
- 2. Wait while the installation wizard is activated. *Install TELUS/TELUM Main Menu* screen (Figure 1) should automatically appear. If the installation wizard does not load automatically, please do the following:
 - From the Windows desktop, click *"Start*", then click *"Run*" from the menu

- In the "Run" dialog box, type your CD-ROM's drive letter followed by a colon and backslash and type INSTALL.EXE. Example: D:\INSTALL.EXE. You can also click the "Browse" button to locate the install.exe file in the root directory of the installation CD-ROM.
- Click "OK". The installation wizard should start loading. Proceed to item 3.
- 3. Click "Install TELUS" button. Go to STEP 2.

🖉 Macromedia Flash Player	7	_ 🗆 🗙
File View Control Help		
	Install TELUS/TELUM	
	Choose from the following installation options:	
	Install TELUS Install TELUS National 4.0.	
	Install TELUM Install TELUM 2006.	
	Exit	
New Jessey Institute of Technology A Public Research University	Federal I Administ	lighway ration

Figure 1: Install TELUS/TELUM Main Menu screen

STEP 2: Select the installation platform

On the next screen, shown in Figure 2, you must select one option:

Ø Macromedia Flash Player 7		
File View Control Help		
	TELUS National 4.0	
	Install StandAlone Install Network Client Install Network Server Install Access 2000 Runtime Main Menu	Exit
New Jersey Institute of Technology A Public Research University	Lis be Fedd	eral Highway ninistration

Figure 2: TELUS National 4.0 Installation Screen

- <u>Install Standalone</u>: Choose this option if the TIP data will be entered, stored, and managed on a single computer. TELUS and stored TIP data will be accessible on this computer only. Go to <u>STEP 4a</u> (page 9) and follow the instructions for installing TELUS Standalone application.
- 2. <u>Install Network Server</u>: Choose this option if the TIP data will be entered and managed by multiple staff members working on different workstations connected into a local area network (LAN). This will install the TIP database files on a central server of the LAN. The server files will only be installed on one central location and users will link to it through the LAN connections from their workstations. Go to <u>STEP 4b</u> (page 12) and follow the instructions for installing TELUS Newtork Server application.
- 3. <u>Install Network Client</u>: This installation needs to be used in conjunction with the Network Server. This will install the data input interface on the local client computers,

(i.e., PCs that will be accessing TIP data stored on the server through the LAN connection). The client files will need to be installed on every workstation that will run TELUS and will be linked to the server files via the LAN. Go to <u>STEP 4c</u> (page 14) and follow the instructions for installing TELUS Newtork Client application.

4. <u>Install Access 2000 Runtime</u>: This option installs the Microsoft Access 2000 runtime version on those PCs that do not have the full version of Microsoft Office or Microsoft Access 2000 or later versions. The TELUS functionality may be reduced slightly when running the runtime version of Microsoft Access, primarily in the domin of customizing reports. Go to <u>STEP 3</u> (page 7) and follow the instructions for installing Access 2000 Runtime.

STEP 3: Install Microsoft Access 2000 Runtime

From the TELUS National 4.0 Installation Screen, choose "Install Microsoft Access 2000 Runtime".

Macromedia Flash Player 7 File View Control Help		_0×
	TELUS National 4.0	
	Install StandAlone Install Network Server Install Network Client	
RUJIT Nev kney fundaat of Technology	Install Access 2000 Runtir	Cancel Terrai migaway ministration

 The Windows Installer will initiate the Access 2000 Runtime installation program.

🙀 Microsoft A	ccess 2000 Runtime: Ready to Install	<u>_ </u> ×
	Install Now Install Microsoft Access 2000 Runtime at C:\Program Files\Microsoft Office\	
	Customize Choose the installation location for Microsoft Access 2000 Runtime	
	Cancel	

- etwork Client

 S 2000 Runtim

 Installing Microsoft Access 2000 Runtime...

 Cancel

 Runtim

 Cancel

 Runtime

 Runtime
 Runtime
 Runtime
 Runtime
 Runtime
 Runtime
 Runtime
- Nient
 Runtime
 Runtime
 Microsoft Access 2000 Runtime Setup
 Microsoft Access 2000 Runtime setup completed
 successfully.
 OK
 Federal Highway
 Administration

 On the Installation Menu select "Install Now" by clicking on the button next to it.

- The installation will start and a progress bar will be displayed.
- Please wait while the installation is in progress.

- When the installation is completed the dialog box will appear on the screen.
- Click "OK"
- This concludes the installation.

STEP 4a: Install TELUS Standalone Application

From the TELUS National 4.0 Installation Screen, choose "Install Standalone":

INSTALLING TELUS NATION	AL 4.0	8
	Welcome to Telus National 4.0	
	Telus National Version 4.0 Stand-Alone New Jersey Institute of Technology	
	C Back: Next > C	ancel

- The Stand-Alone Installation
 Wizard will launch.
- Click "Next" on the Stand-Alone Welcome screen.

icense Agreement		And a state of the
Please read the following license agree	ment carefully.	
Press the PAGE DOWN key to see the	rest of the agreement.	
TO BE INCLUDED IN THE SOFTWAI IMPORTANT Read Carefully Before Installing, Copying or Using 1	RE	1
End-User License Agreement for NJIT This End-User License Agreement ("E Jersey Institute of Technology ("NJIT"	Software ULA") is a legal agreement be), developer of the TELUS tm	tween you and New Software Program.
Do you accept all the terms of the prec setup will close. To install TELUS Nati	eding License Agreement? If onal 4, you must accept this a	you choose No, the greement.
	(Back	Ver No

 Click "Yes" to accept the Software License Agreement.

ustomer Information	A market and the second
Please enter your information.	
Please enter your name, the name of serial number	the company for which you work and the product
User Name:	
TELUS	
Company Name:	
New Jersey Institute Of Technology	
Serial Number:	
ished	

oose Destination Location			Alter /
Select folder where Setup will install files.			
Setup will install TELUS National 4 in the	following folder.		
To install to this folder, click Next. To insta another folder.	all to a different folder.	click Browse and	d select
Destination Folder			- 1
Destination Folder C:\Program Files\TELUS National 4			Biowse
Destination Folder C:\Program Files\TELUS National 4		Ľ	Bjowse

- When prompted, enter a User Name, Company Name, and Serial Number.
- By default, the wizard installs TELUS application in the "C:\Program Files\Telus National 4" folder. You may change the location by clicking on the "Browse" button. Please write down the path of the installation directory for your records here:

Click "Next".

INSTALLING TELUS NATIONAL 4.0	×
Locate MSACCESS Directory	
Please click on the browse button to locate the	directory containing MSACCESS.EXE
Destination Folder	Browse
	<back next=""> Cancel</back>

elect Program Folder		
Please select a program folder.		
Setup will add program icons to the Prog name, or select one from the existing fol	pam Folder listed below. You may ders list. Click Next to continue.	type a new folder
Program Folders:		
Telus National 4.0		
Existing Folders:		
Accessories		
Borland JBuilder X Foundation Microsoft Web Publishing Startup		
Shield		1
	(Back Next)	Eance

- The installation program locates the MS Access files. If the files are not found, the wizard will prompt you to locate the path of the location where "MS Access.exe" file is installed. If you are not sure of the path, use Windows Explorer to search for the file.
- Click "Next".
- TELUS will add program icons to the Program Folder. You may type a new folder name or select one from the existing folders list.
- Click "Next" to continue. The installation program will begin copying the TELUS files to your hard drive.

To complete the installation of TELUS you will need to install MS Data Access 2.6 as well. The installation wizard for MS Data Access 2.6 is launched imedietely following the TELUS application installation. Please skip to <u>STEP 5</u> (page 18) for detailed installation instructions for MS Data Access 2.6.

STEP 4b: Install TELUS Network Server Application

Network Installation consists of two phases. The first phase installs the TIP data files on the server and will only need to be performed once. The second phase installs the interface files and must be repeated on each client computer. This step installs the TELUS Network Server application.

INSTALLING TELUS NATION	AL 4.0 Server	
	Welcome to Telus National 4.0 Server	
	Telus National Version 4.0 Server New Jersey Institute of Technology	
	< Back Next > Cance	

- The Server Installation Wizard is launched after selectiong *"Install Network Server"* on the TELUS National 4.0 Installation Screen.
 - Click "Next" on the Network Server Welcome screen.

 Click "Yes" to accept the Software License Agreement.

INSTALLING TELUS NATIONAL 4.0 SERVER	- <u>C</u>
License Agreement Please read the following license agreement carefully.	1
Press the PAGE DOWN key to see the rest of the agreement.	
TO BE INCLUDED IN THE SOFTWARE IMPORTANT Read Carefully Before Installing, Copying or Using IIII End-User License Agreement for NJIT Software This End-User License Agreement ("EULA") is a legal agreement between you and New Jersey Institute of Technology ("NJIT"), developer of the TELUS tm Software Program.	
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install TELUS National 4 Server, you must accept this agreement.	
InstallShield < Back Yes No	

INSTALLING TELUS NATIONAL 4.0 Server
Customer Information Please enter your information.
Please enter your name, the name of the company for which you work and the product serial number.
User Name:
TELUS
Company Name:
New Jersey Institute of Technology
Serial Number:
,
InstallShield
< Back Next > Cancel

INSTALLING TELUS NATIONAL 4.0 Serve	r 🖂
Choose Destination Location Select folder where Setup will install files.	
Setup will install TELUS National 4 Server in th To install to this folder, click Next. To install to a another folder.	e following folder. a different folder, click Browse and select
Destination Folder C:\Program Files\TELUS National 4 Server InstallShield	Browse < Back Next > Cancel

- When prompted, enter a User Name, Company Name and Serial Number.
- By default, the wizard installs the TIP Database iand other TELUS files in the "C:\Program Files\Telus National 4" folder. You may change the location by clicking on the "Browse" button. Please write down the path of the installation directory for your records here:

Click "Next".

The Installation program will begin copying the TELUS files to your server's hard drive. Once the installation of server application is completed you can leave the installation program by clicking the "*Exit*" button on TELUS National 4.0 Installation Screen and "*Exit*" button on the Main Menu screen.

Important! The setup program copies the TIP database to a server location. Network administrator should make this location on the server accessible from all computers/ workstations on the network that will require access to TELUS application and TIP Database.

The first phase of the network deployment is now completed.

STEP 4c: Install TELUS Network Client Application

In this step we provide instructions for the second phase of network deplyment – installing the TELUS Network Client application. From the TELUS National 4.0 Installation Screen, choose "Install Network Client".

INSTALLING TELUS NATION	IAL 4.0 FOR CLIENT	×
	Welcome to Telus National 4.0 Client	
	Telus National Version 4.0 Client New Jersey Institute of Technology	
	< Back Next > Ca	incel

- The Client Installation
 Wizard is launched
- Click "Next" on the Network Client Welcome screen.

INSTALLING TELUS NATIONAL 4.0 FOR CLIENT
License Agreement Please read the following license agreement carefully.
Press the PAGE DOWN key to see the rest of the agreement.
TO BE INCLUDED IN THE SOFTWARE IMPORTANT Read Carefully Before Installing, Copying or Using !!!!
End-User License Agreement for NJIT Software
This End-User License Agreement ("EULA") is a legal agreement between you and New Jersey Institute of Technology ("NJIT"), developer of the TELUS tm Software Program.
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install TELUS National 4 Client, you must accept this agreement.
InstallShield
< Back Yes No

Click "Yes" to accept the
Software License Agreement.

INSTALLING TELUS NATIONAL 4.0 FOR CLIENT	X
Customer Information Please enter your information.	No.
Please enter your name, the name of the company for which you work an serial number.	d the product
User Name:	
TELUS	
,	
Company Name:	
New Jersey Institute of Technology	
,	
Serial Number:	
P.	
1.1.1.1012.111	
Install5hield	
< Back Next	Cancel

- When prompted, enter a User Name, Company Name and Serial Number.
- The serial number is the same as the one obtained for the Network Server application.

STREELING TELOS PORTIONAL 4.0			
Select folder where Setup will install file:	\$.		
Setup will install TELUS National 4 in th	e following folder.		
To install to this folder, click Next. To in another folder.	stall to a different folder, o	click Browse and se	lect
Destination Folder			
Destination Folder C:\Program Files\TELUS National 4		Bio	wse
Destination Folder C\Phogram Files\TELUS National 4		Bio	wse

• By default, the wizard installs the program in the "C:\Program Files\Telus National 4" folder. You may change the location by clicking on the "Browse" button. Please write down the path of the installation directory here:

Click "Next".

-	The installation program
	locates the MS Access files.
	If the files are not found, the
	wizard will prompt you to
	locate the path of the
	location where "MS
	Access.exe" file is installed.
	If you are not sure of the
	path, use Windows Explorer
	to search for the file.

■ Click "Next".

INSTALLING TELUS NATIONAL 4.0	×
Locate MSACCESS Directory	
Please click on the browse button to locate the	edirectory containing MSACCESS.EXE
InstallShield	Browse < Back Next > Cancel

INSTALLING TELUS NATIONAL 4.0 FOR CLIENT	×
Locate Telus.md w file	
Please click on the browse button to locate the directory containing Telus.mdw on server machine	
Destination FolderBrowse	
InstallShield < Back Next > Cancel]

INSTALLING TELUS NATIONAL 4.0 FOR (CLIENT	×
Select Program Folder Please select a program folder.		22
Setup will add program icons to the Program Fo name, or select one from the existing folders list Program Folders:	older listed below. You may type a n t. Click Next to continue.	ew folder
Telus National 4.0 Client		
Existing Folders: Accessories		
Apache I omcat 4.1 Borland JBuilder X Foundation Microsoft Web Publishing Startup		
InstallShield		
	<back next=""></back>	Cancel

- On this screen you need to locate the "TELUS.MDW" on the network server. Click the "Browse" button and locate the path to the directory containing "TELUS.mdw". This file will be in the installation directory on the server (you have written down this path on page 13).
- TELUS will add program icons to the Program Folder. You may type a new folder name or select one from the existing folders list. Click "Next" to continue.
- The installation program will begin copying files to your hard drive.

In order to complete the installation of TELUS you will need to install MS Data Access 2.6 on each client as well. The installation wizard for MS Data Access 2.6 is launched imidietly following the TELUS application installation. Please go to <u>STEP 5</u> (page 18) for detailed installation instructions for MS Data Access 2.6.

STEP 5: Install MS Data Access 2.6

Microsoft Data Access Components 2.6 Setup
End User License Agreement Please read the following license agreement. Press the PAGE DOW/N key to see the rest of the agreement to install this software.
MICROSOFT CORPORATION IND-USER LICENSE AGREEMENT
MICROSOFT Data Access Components 2.5 IMPORTANT-READ CAREFULLT: This Ind-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes computer software and may include associated media, printed
A group tail of the terms of the preceding license agreement.
<u>≺ ⊞</u> esk <u>N</u> ext> Cancel

- After copying the TELUS files to your computer, the MS Data Access 2.6 installation begins automatically.
 - Check the box and click "Next" to accept the Microsoft Software License Agreement.
- Setup will now check for inuse files. Click "Next" on the screen "Detecting in-use Files", if it appears.
- Click "Finish" to complete the installation of all Data Access Components.
- The installation program will begin copying files to your hard drive.

Copying Files	X
m≉daremr.dll To C:\Program Files\Common Fil	es\System\MSADC

Microsoft Data Access Components 2.6 Setup 🔀		
Setup is Complete Setup has completed successfully.		
Microsoft Data Access Components 2.6 has been successfully installed on this system.		
Click Close ta exit setup.		
Cancel		

- Click "Close" on completion of setup.
- When the installation is completed, two shortcut icons entitled *Telus National 4.0 Client* and *Telus Help* will be placed on the desktop.

Installing TELUS With the Package Downloaded From the TELUS Website

Depending on the platform you wish to install, you will download one of the three .zip files: *Standalone.zip*, *Sever.zip*, or *Client.zip*. Please unzip the dowloaded file After extracting the files on your local hard-drive, locate and double-click the file setup.exe, which will launch the *Welcome* screen.

Please go to <u>STEP 4a</u> on page 9 of this guide for installing a Standalone application.

Please go to <u>STEP 4b</u> on page 12 of this guide for installing a Network Server application.

Please go to <u>STEP 4c</u> on page 14 of this guide for installing a Nework Client application.