

Tiling with Touch Screens

Use the **F1** button on any page of a ThinManager wizard to launch Help for that page.

Visit www.thinmanager.com/TechNotes/Intro/Manuals.shtml to download the full Manual or the ThinManual.

A thin client that is running multiple sessions with MultiSession will need a way to switch between sessions. The normal method of using a keyboard or mouse may not be available for a thin client with a touch screen so another method can be use – the Right Click Option of Tiling.

Configure the Terminal with MultiSession

Configure the terminal to use MultiSession by applying two Application Groups to its configuration.

Start by opening the **Terminal Configuration Wizard** for the terminal by double-clicking on its icon in the ThinManager tree. Navigate to the **Terminal Server or Application Group Selection** page.

😇 Terminal Configuration Wiz	ard	×
Terminal Server or Applica Select the Terminal Servers terminal can connect.	tion Group Selection s or Application Groups to which this	
Available Application Groups	Selected Application Groups	
Edit Application Groups	Override	
< <u>B</u> ack <u>Next ></u>	Finish Cancel	Help

Terminal Configuration Wizard – Terminal Server or Application Group Selection Page





Select two or more application groups on the **Terminal Server or Application Group Selection** page to initiate MultiSession.

Navigate to the Terminal Interface Options page.

😇 Terminal Configuration Wizard		×
Terminal Interface Options Select the group selector and main menu op available on the terminal.	tions that will be	¹ ТМЗ
Group Selection Options		
🔽 Show Group Selector on Terminal	Selector Options	
🔽 Enable Tiling	Tiling Options	
C Screen Edge Group Selection		_
< <u>B</u> ack <u>N</u> ext > Finish	Cancel	Help

Terminal Interface Options Page

Enable tiling by selecting the *Enable Tiling* checkbox.

Select the *Tiling Options* button to configure the tiling options.

Tile Options		×
🔽 Show Grid	[ОК
Tile Inactivity Time	60	Cancel
📃 Tile Application Group:	s at startup	
🔲 Include Main Menu as	tile	
Tile on right click (mou	ise or touchscreen)
Tile Interactive		

Tile Options Window

Select the *Tile on right click (mouse or touchscreen)* checkbox. Select the *OK* button to close the **Tile Options** window.



When the terminal is rebooted the terminal will go into tile mode when a right-click command is given.

Configure the Touch Screen

Next the touch screen needs configured to allow the touch screen to send a right-click to initiate the tiling.

Continue navigating through the **Terminal Configuration Wizard** until the **Module Selection** page is reached.

😇 Terminal Configuration Wizard	×
Module Selection Select the modules that load on this terminal at boot up.	Ѿз
Installed Modules	
Module Elographics Touch Screen Driver	
Add Configure Remove	
< <u>B</u> ack <u>N</u> ext > Finish Cancel H	

Module Selection Page

Add the appropriate Touch Screen Driver with the *Add* button.

Configure the module by highlighting it and selecting the *Configure* button.



M	odule Prop	erties			×	
	Parameter			Value	_	
	Connec	tion Type		Serial		
	Port (Se	erial Only)		COM1		
	Monitor	Number		1		
	Double	Touch Area (pixels)		10		
	Double	Touch Time (milliseconds)		1000		
	Touch	De-bounce Timeout (millisecond	ls)	0		
	Swap≻	(Y Coordinates		NO		
	Right C	lick Hold Time (milliseconds)		DISABLED		
	Right C	lick Area (pixels)		10		
	Numbe	r of Calibration Points		5	-	
	4					
	Parameter	Right Click Hold Time (milliseco	onds)		
	Value	DISABLED			•	
		Set to Default			Set	
			De	one	Cancel	

Touch Screen Module Properties – Default Settings

Touch Screen Modules have a setting that allows a touch to be converted to a right-click if it is held for a set period of time.

Highlight the **Right Click Hold Time (milliseconds)** parameter.

Change the value using the *Value* drop-down and select the *Set* button to apply.



M	odule Prop	erties			×
	Parameter			Value	
	Connec	ction Type		Serial	
	Port (S	erial Only)		COM1	
	Monito	Number		1	
	Double	Touch Area (pixels)		10	
	Double	Touch Time (milliseconds)		1000	
	Touch	De-bounce Timeout (millisecon	ds)	0	
	Swap≻	↔ Coordinates		NO	
	Right C	lick Hold Time (milliseconds)		5000	
	Right C	lick Area (pixels)		10	
	Numbe	r of Calibration Points		5	•
	•				•
	Parameter	Right Click Hold Time (millised	onds)	
	Value	5000			•
		Set to Default			Set
			D	one	Cancel

Touch Screen Module Properties – Hold Time of 5 Seconds

Select *Done* to accept the change.

Select the *Finish* button on the Terminal Configuration Wizard to save the configuration changes for the terminal.

When the terminal is restarted it will be configured so that holding a finger on the touch screen for the set amount of time will pass a right-click to the terminal. That right-click will initiate tiling.



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			100		- 7 -	-	24		Δ · =)	AND A D	The first lines there are the states the first and first and first and first are a state from
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	1080	<u>v</u>	an in		1.000	9.40		0000			142
East	w	1	T	Pet	11	PA	Home	Read	Div	Con	Terminal Services Groups
New York Jats		6	0	0.615	354	292	4/3/0080	49,000	3/1/2000	64200	
New England Patriots		5	0	0.615	304	276	4/3/2000	4/2/0500	30,0000	55000	The types of Terminal Services Application Groups include 1
Mani Dolphina	8	- 5	0	0.615	209	260	4/3/2000	4/2/2000	30,000	64200	 A standard Application Group has the terminal servers listed in a pre-defined order. The terminal
Buffalo Bills	6	7	0	0.462	279	275	3/4/0000	3/9/2000	0.4.0	45/200	connects to the first available member of the group.
£											 The SmartSession option of Terminal Services Groups provides load balancing by using CPU
North	w	۰.	T	Pat	P5	PA	Home	Read	Div	Con	availability, memory, and the number of sessions on the member terminal servers to determine the
Pittsburgh Steelers	10	- 3	0	0.769	289	183	6/2/0000	\$1,0000	400	81.000	terminal server in the Application Group with the most available resources.
Ealtimore Ravens		. 4	0	0.892		200	\$/1.0080	4/3/2000	4/1/2000	7/9/200	 The Application convites the lotial Program Section to members of an Application Group. Wh
2 Cleveland Browns			0	0.308			1/6/2000	3/9/2000	1/3/2000	3/1/200	specifying the Initial Program function, a program is started instead of the desitop. Closing the
2 Cincinati Bengats		11		0.115			1/4/2001	979	050	1/6200	program will terminate the connection.
5 F		-		Ref.			No.	Beed	Ed.		 The instant f allower option allows a terminal to connect to two terminal servers within an Application
a Transmission Transmission	- 2	-9	-2	0.000			4.0.0000	4.4.4	400	0.0.000	Orouge. The betterional well have an active session on two terminal servers but will only display one session. If the first terminal server fails, the session of the set and terminal server is immediately.
P Information Color	1.12	-2		0.522		- 22	40,0000	60000	10,000	80000	displayed, eliminating any downtime due to terminal server failure.
Mauston Terreto	12	-2		0.402		200	40,0000	26/000	140000	45/000	Hub/Section is a terminal configuration that allows a ThirlManaper Ready this client to run two or more
Jackstrolle Japairs	1.2	- 61		0.308	201	203	16/0000	340000	20,0000	377200	Application Groups even if they are on different terminal servers. The user can switch between groups usin
0											an on-ocreen menu or hot keys. These groups may be standard Application Groups, Application Groups will
1 West	J w	τ.	T.	Pet	PE	PA	Home	Read	Div	Com	ferentierine, Africe, and Africane Gradit and attent and at 1
2 Denver Brancas		- 5	0	0.615	316	336	4/3/2000	40,0000	3/3/2000	55000	Note: MultiSession is now considered a terminal function, instead of an Application Group Function. The
a a balante / hand / h	in the	-		0.94		171	10,000		200.00000	10000	solity to depray multiple Approation Groups is configured on the terminality adding two or more
and the second se	Mar. 1. 1.									100012-010	(RESERVE) 21

Two Sessions Tiles on a Thin Client Terminal

The terminal will tile its sessions once a finger is held on the screen for the appropriate time. The operator can see all the sessions, decide which one they want to use, and select it with a touch. This will pull the desired session to the forefront.

If the tiles do not fill the entire screen then the unused areas will be shown as black, much like a movie shown in letterbox on a television.