Getting ATG to run using Windows Task Scheduler

ATG normally runs as a console application on the server. Often it is set to automatically launch as soon as the console is logged on. However in some shops this sometimes presents a bit of a coordination challenge. There is always the possibility that someone will close the ATG application, or will logoff the console session. Or possibly a remote desktop session will be launched with the same username as the console, and which may auto-start its own copy of ATG.

Here is an approach that uses the Task Scheduler inside Windows to launch ATG throughout the day, without requiring any special coordination effort on the part of the users of the server. With this approach ATG is not launched from the Startup program group of any user.

Example: we will schedule ATG to run every 15 minutes throughout the day and night, except during the time that the nightly backup is running. The backup starts at 11:15 PM every night, and takes a few hours. It is always done by 3:00 AM.

Therefore we will set ATG to run every 15 minutes from 3:00 AM to 11:00 PM.

Setting up the Scheduled Task

Control Panet		
File Edit View Favorites To	ols Help	
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	Name 🔺	Comments
Control Panel Switch to Category View See Also Windows Update Help and Support	Name A Mouse Messe Messer Connect Network Connect Network Setup W Phone and Mode Phone and Mode Power Options Printers and Faxes QuickTime Regional and Lan Conners and Ca Scanners and Star System Taskbar and Star TOSHIBA HWSetup TOSHIBA HWSetup VISHIBA Power User Accounts Windows Firewall Wireless Network	Comments Customize your mouse settings, such as the button configuration, double-click speed, mouse Connects to other computers, networks, and the Internet. Launch the Network Setup Wizard Configure your telephone dialing rules and modem settings. View the portable media devices connected to your computer. Configure energy-saving settings for your computer. Shows installed printers and fax printers and helps you add new ones. Configures QuickTime software and hardware components. Synchronizes the system clock from network time servers. Customize settings for the display of languages, numbers, times, and dates. Add, remove, and configure scanners and cameras. Schedule computer tasks to run automatically. View your current security status and access important settings Control Panel for SoundMAX Change the sound scheme for your computer, or configure the settings for your speakers a Change settings for text-to-speech and for speech recognition (if installed). This applet allows you to configure system, and change settings for hardware, performar Customize the Start Menu and the taskbar, such as the types of items to be displayed and it Provides configuration Hardware settings. You can change the TOSHIBA Power Saver Setup. Change user account settings and passwords for people who share this computer. Configure the Windows Firewall Set up or add to a wireless network for your home or office
	X-Setup Pro	X-Setup Pro
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Launch Task Scheduler from the Windows Control Panel:

Double click on Scheduled Tasks

Add a new scheduled task:

🖴 Scheduled Tasks				
File Edit View Favorites Tools	Advanced Help			
🌀 Back 👻 🕥 - 🏂 🔎 Si	earch 🧭 Folders 🂙 A	Address 🙆 Scheduled Tasks		🔽 🛃 Go
	Name 🔺	Schedule	Next Run Time Last Run Ti	ime Status
Other Places 🙁	Add Scheduled Task			
Control Panel My Documents Shared Documents My Network Places				
Details				
	<			>
1 objects selected				

Double click on Add Scheduled Task.



Press Next.

Choose ATG from the list of installed applications:

Scheduled Task Wizard	đ	
	Click the program you want Window To see more programs, click Browse	vs to run. e.
	Application	Version 🔥
Y Y	💟 Address Book	6.00.2900.21 💻
14	Adobe Acrobat 5.0	5.0.5.200110
	AirCard 580 Watcher	3.4.0.3
	ATG	3.01.0169
	∧ Atheros Client Utility	2.4.2.18
	🜔 Atomic Clock Sync	2.7.0.3 🗸
		Browse
	< Back Next	> Cancel

Press Next.

Select Daily:



Press Next

Choose the time you want it to start running every day. That is, choose the first time you want it to run every day.

Scheduled Task Wizard				
	Select the time and day you want this task to start. Start time: 3:00 M C Perform this task: • Every Day • Weekdays • Every 1 days Start date: 02/10/2006 V			
	< <u>B</u> ack <u>N</u> ext > Cancel			

Press Next

Enter the user name and password of the user who should run ATG:

Scheduled Task Wizard				
	Enter the name and pass run as if it were started by	sword of a user. The task will y that user.		
6	Enter the user name:	mike		
14	Enter the password:	•••••		
6	Confirm password:	•••••		
	If a password is not enter not run.	red, scheduled tasks might		
	< Back	Next > Cancel		

If the console is logged on as this user when ATG is launched, you will see ATG running. If the console is not logged on, or is logged on as another user, ATG will run invisibly in the background.

Press Next

Check the 'Open advanced properties' option

Scheduled Task Wiza	rd 🛛 🗙
	You have successfully scheduled the following task: ATG
2	Windows will perform this task: At 3:00 AM every day, starting 02/10/2006
	Open <u>a</u> dvanced properties for this task when I click Finish. Click Finish to add this task to your Windows schedule.
	< <u>B</u> ack Finish Cancel

Press Finish

The advanced properties page is shown:

ATG	? 🔀
Task Sched	ule Settings
🔊 c:w	VINDOWS\Tasks\ATG.job
Run:	C:\PROGRA~1\ATG\ATG.exe
	Browse
Start in:	C:\PROGRA~1\ATG
Comments:	
Run as:	TIME\mike Set password
Run only if	logged on
	OK Cancel Apply

Click the Schedule tab

ATG	? 🛛
Task Schedule Settings	
At 3:00 AM every day, starting 02/10/2006	
Schedule Task: Start time:	
Daily 3:00 AM 🛟 Advanced	
Schedule Task Daily	
Every 1 🛟 day(s)	
Show multiple schedules.	
OK Cancel Ap	ply

Press the Advanced button

Check the Repeat option, select the interval (e.g., 15 minutes), select the Time option, and enter the time that ATG should stop running (e.g., 11:00 PM).

Advanced Schedule Options				
<u>S</u> tart Date:	Friday , February 10, 2006 🗸			
End Date:				
✓ <u>R</u> epeat task				
E <u>v</u> ery: 15 😭 m	inutes 🔽			
Until: () <u>T</u> ime: 1	1:00 PM 😂			
O Duration:	hour(s) <u>minute(s)</u>			
If the task is still running, stop it at this time.				
OK Cancel				

Press OK

ATG ? 🔀
Task Schedule Settings
Every 15 minute(s) from 3:00 AM for 20 hour(s) every day, starting 02/10/2006
Schedule Task: Start time: Daily 3:00 AM Advanced
Schedule Task Daily Every 1 aday(s)
Show m <u>u</u> ltiple schedules.
OK Cancel Apply

Press OK

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	Name 🔺	Schedule	Next Run Time Last Run Time	Status
Other Places 🙁	Add Scheduled Task	Every 15 minute(s)	3:30:00 PM Never	
Control Panel My Documents Shared Documents				
Section 2015 My Network Places				
Details 🛛 🛞				
	<	Ш		>
1 objects selected				

ATG is now scheduled to be launched every 15 minutes from 3AM to 11PM every day.

Configure ATG

ATG itself needs to be configured to perform only one retrieval cycle every time it is launched. Run ATG in Setup mode. Either click on an icon or shortcut labeled ATG SETUP, or launch ATG in regular retrieval mode but quickly press the S key as soon as the Loading ATG banner is shown:



Press S immediately

S All The Goodies	
Setup Operations Exit	
Add Edit Delete	
Auto Detect	
CONNECT	Save Log

Select the General item from the Setup menu

Set the Retrieval Method to Once, and check the Suppress Messageboxes option. This is to prevent ATG from asking the console operator to press OK at the end of every retrieval.

Setup - General	\mathbf{X}
Retrieval Method Time Of Day Add Edit Interval minutes. Once Supress Messageboxes	Retrieval Options Retrieve on startup Use Inquiry Tracker Update date/time on terminal. Update Employee Templates (RSI) Compact and repair after retrieval.
	Save Cancel

Press Save

Exit from ATG

That's it, everything is setup.

Temporarily Interrupting ATG's Schedule

If you want to temporarily stop ATG from running every 15 minutes, without deleting the schedule entirely, you can put the schedule "on hold". You may need to do this when you need to ensure exclusive access to the Advanced Tracker databases. E.g., when installing a new version of software, or Merlinizing the databases.

From the Windows Scheduled Tasks pane, double-click on the ATG item. This will show you the properties of the ATG item:

ATG	? 🔀
Task Schedu	le Settings
🧿 C:\W	INDOWS\Tasks\ATG.job
Run:	C:\PROGRA~1\ATG\ATG.exe
	Browse
Start in:	C:\PROGRA~1\ATG
Comments:	
Run as:	TIME\mike Set password
 Run only if logged on Enabled (scheduled task runs at specified time) 	
	OK Cancel Apply

Uncheck the Enabled option. Press OK.

Re-enable it when you want ATG to start running again.

Deleting ATG's Schedule

To completely delete the scheduled task in Windows, go to the Scheduled Tasks pane and right-click on the ATG item. Select Delete.