

Tech Tip

TITLE: AK5000 CHASSIS SYSTEM FIRMWARE UPGRADE PROCEEDURE

AktinoAK5000 System Firmware

Obtain the system firmware and unzip into a known location, using a directory name that matches the software version (r3.2.3), such as c:\aktino\firmware\r3.2.3.

Or go to <u>www.aktino.com</u>, Support, Customer Login, and then Login for Current Customers. Click on Shared Documents, and then select "Firmware-Unified General Release AK3000 AK4000 AK5000". Download the firmware to a know location as illustrated above and unzip.

If you do not have a current login, please complete the <u>Customer Portal Account Request</u> <u>Form</u> and allow 24-48 hours for your account to be setup.

Upgrading Firmware on the AK5000 Chassis System

Connect an Ethernet cable to the Management Port on the Rear of Chassis to the Ethernet port on your Computer.

Provision the Ethernet Adapter on your PC to the IP Network of the Unit – Example; set computer to 192.168.10.20. Activate GUI and login to the unit @ IP Address of 192.168.10.1.

Login username = superuser, Password = superuser. Below is the Aktino System View.





To upgrade a single Line Card, right click on the Line Card and select Software Upgrade.

The following procedure will upgrade the CCA and all Line Cards currently installed in the chassis from version r3.2.3 to version r3.2.5. Under the Tools Tab, right click on CCA and select System Software Upgrade.

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Irvine AK!	Invine AK5000(10.10.10.233) 😒											
System	Inventory	Provisioning Alarms	PM Tools									
Slot	Unit	Active Version	Standby Version									
6 9 10 12 CC A 5 6 9 10 12	CO RT RT RT RT RT RT	r3.1.2 r3.2.3 r3.2.3 r3.2.5 r3.2.3 r3.1.2 r3.1.2 r3.2.3 r3.2.3 r3.2.3 r3.2.3 r3.2.5	13.2.5 13.2.5 13.2.5 13.2.5 13.2.5 13.2.5 13.2.5 13.2.5 13.2.5 13.0.5	Software Upgrade Revert Software and Reboot Reboot Reset PM Export Logs								
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Critica	ıl: O	Major: 0	Minor: 0				1	1				
Severit	y Unit	Entity	Slot Port	Alarm Alarm		Service Affecting	Date/Time					
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Select the System ID to upgrade and click "Upgrade".

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3oftware Upgrade								Aktino.
System ID	IP Address	Software Version	Upgrade Version	Start Time	% Complete	Status	Description	
Irvine AK5000	10.10.10.233	r3.2.3						
							_	Upgrade Cancel



Specify the Folder Location where the firmware is located and click "OK".

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Irvine AK5000(10.10.10.233)	Imme AK5000(10.10.233) 23												
System Inventory Provisioni	ng Alarms (PM Tools												
Slot Unit Active V	ersion Standby Version												
6 C0 r3.1.2													
9 C0 r3.2.3 10 C0 r3.2.3 12 C0 r3.2.5	Software Upgrade												
5 RT r3.2.3													
6 RT r3.1.2 9 RT r3.2.3	System ID IP Address Software Version Upgrade Version Start Time % Complete Status Description												
10 RT r3.2.3 12 RT r3.2.5	INUE #49000 ID:10:10:233 13:2:3												
	Browse For Folder												
	Select Software Folder												
Critical: 0 Majo	r: 0 Minor: 0												
Severity Unit E	ntity Slot Port Code Alarm Service Affecting Date/Time												

Determine if you want to reboot the system immediately after the software upgrade or at a later time. Note; to run the new software the system must be rebooted. You can select "No" and do a "Revert Software and Reboot" at a later time.





Confirm your choice to perform a software upgrade.



The % Complete will increment as the firmware is downloaded.

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Software Upgrade							
System ID	IP Address	Software Version	Upgrade Version	Start Time	% Complete	Status	Description
Irvine AK5000 10.10.10.233 r3.2.		r3.2.3	r3.2.5	12/17/2008 14:52:18	0	In Progress	Initial upgrade steps
							Upgrade Cancel

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Software Upgrade								
System ID	IP Address	Software Version	Upgrade Version	Start Time	% Complete	Status	Description	
Irvine AK5000	10.10.10.233	r3.2.3	r3.2.5	12/17/2008 14:52:18	15	In Progress	Updating boot code	
							Upgrade	Cancel



When the Upgrade is complete, the Status will show Completed.

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Software Upgrade								A	tino.
System ID	IP Address	Software Version	Upgrade Version	Start Time	% Complete	Status	Description		
Irvine AK5000	10.10.10.233	r3.2.3	r3.2.5	12/17/2008 14:52:18		Completed			
								Upgrade	Done

After the system reboots, verify the Software Revision under the Inventory tab. This completes the firmware upgrade process.



