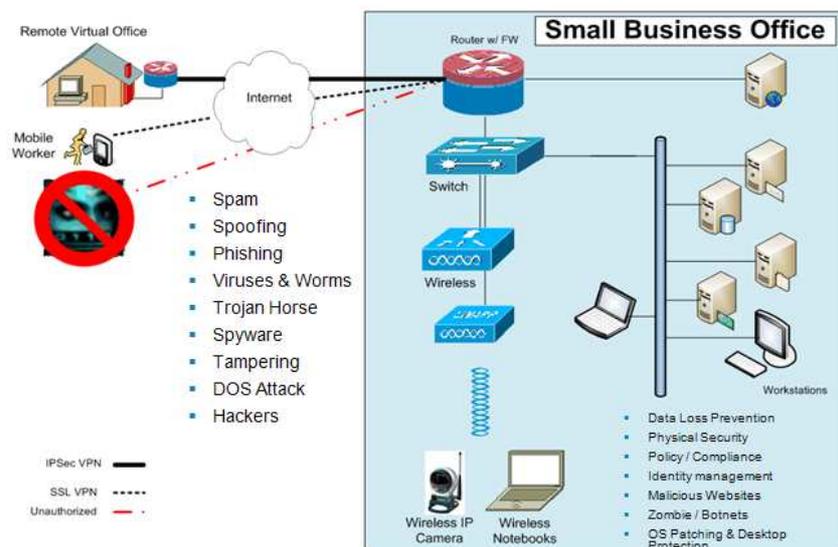


Cisco Small Business

SBCS

Technical Enablement Lab (TEL)



SA500 Management & Configuration using CCA 3.0

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Introduction

Hopefully you are already familiar with the [Cisco Security Appliance 500](#) series for small business.

We wanted to make everyone aware that it is part of the Smart Business Communication System (SBCS) suite and you may benefit from its use in UC 500 deployments where additional security is required beyond what the Cisco IOS firewall provides. We also want to inform our partners that the Cisco Configuration Assistant (CCA) version 3.0 provides some management and configuration of the SA 500.

While we should all remember that there is not a single device (or several for that matter) that can be dropped into a network to achieve compliance with Payment Card Industry Data Security Standards ([PCI DSS](#)) as a silver bullet, many of the compliance requirements deal with items Cisco (or any vendor) does not control / provide. Examples include security policies, encryption of stored data, and ensuring specific settings are enabled on the firewall or router, etc...¹

Without a full understanding of the customer's network, and PCI compliance level requirements, it is not possible to make a recommendation as to what would achieve "PCI Compliance" and allow the customer to pass a PCI audit. The customer would be best served by dealing with a partner that has PCI compliance experience.

But it is clear that partners serving SMB will have end customers who store, process, and/or transmit cardholder data. And if you are a merchant who accepts or processes payment cards, you must comply with the PCI DSS.

With that said the SA500 series with ProtectLink Gateway, or the SR500 series with IOS content filtering would provide enhanced levels of security that would better protect the small business, and contribute to a higher level of achievement towards PCI compliance. Merely deploying one of these boxes alone does not = PCI compliance.

Read more about PCI compliance information here:

<http://www.cisco.com/en/US/netsol/ns625/index.html>

In CCA 3.0 we can manage the following set of functions with SA 500

- Topology View availability and right mouse functions
- Configuration Archive (backup and restore)
- Hostname Change
- Inventory
- Software Upgrade

¹ NIST has written in plain terms, this 20-page booklet which lays out 10 "absolutely necessary" actions a small business should take to protect its information, systems and networks, and 10 "highly recommended" practices <http://csrc.nist.gov/publications/drafts/ir-7621/draft-nistir-7621.pdf>

- Reset/Reload
- Usernames and Password Administration
- SNMP management
- System Messages
- Security Setup Wizard
- TimeZone adjustments

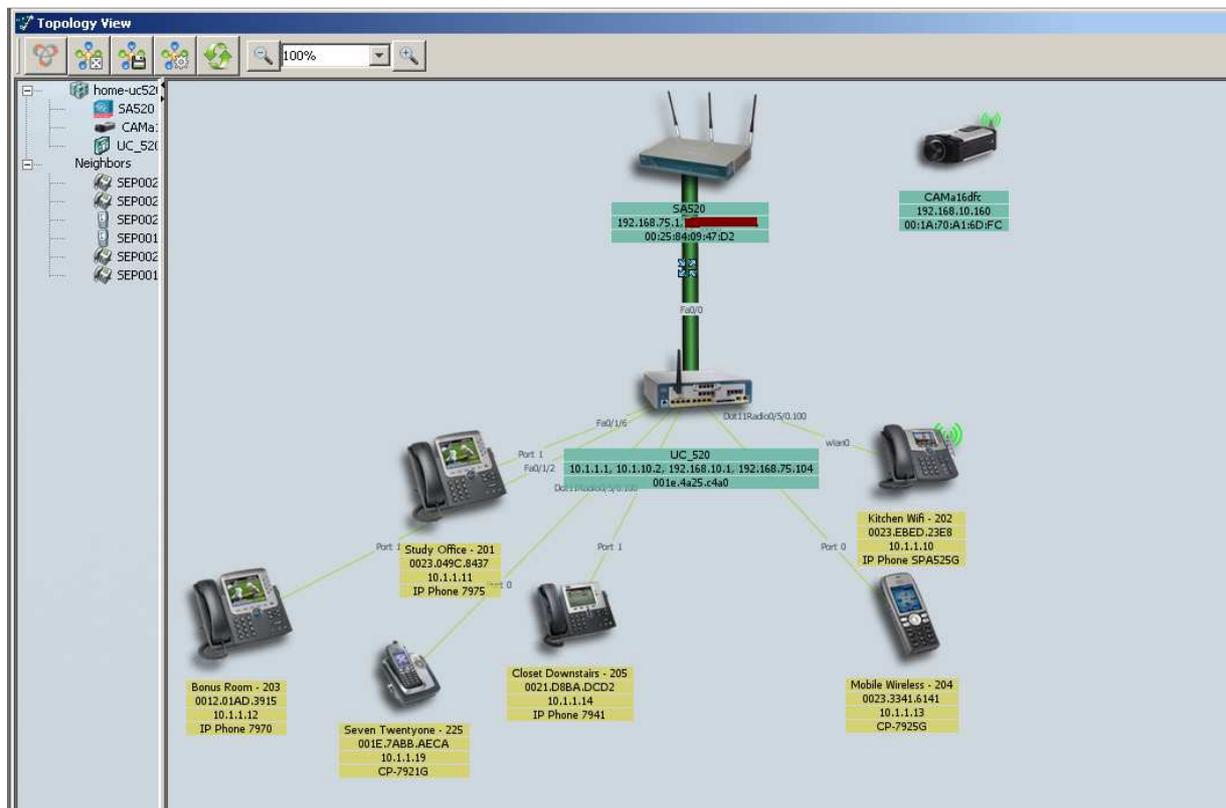
Please note that the SA500 is NOT a recommended Remote Teleworker Router (as is the SR520-FE or ADSL). The SA500 is not supported in front of a UC 500 (like the SR520-T1 may be) if there is a plan to deploy a multisite of UC 500s (CCA Multisite Manager doesn't recognize the SA500 in this particular deployment model).

Detailed configuration of the SA 500 is via a built in Web Server administrators use directly on the appliance.

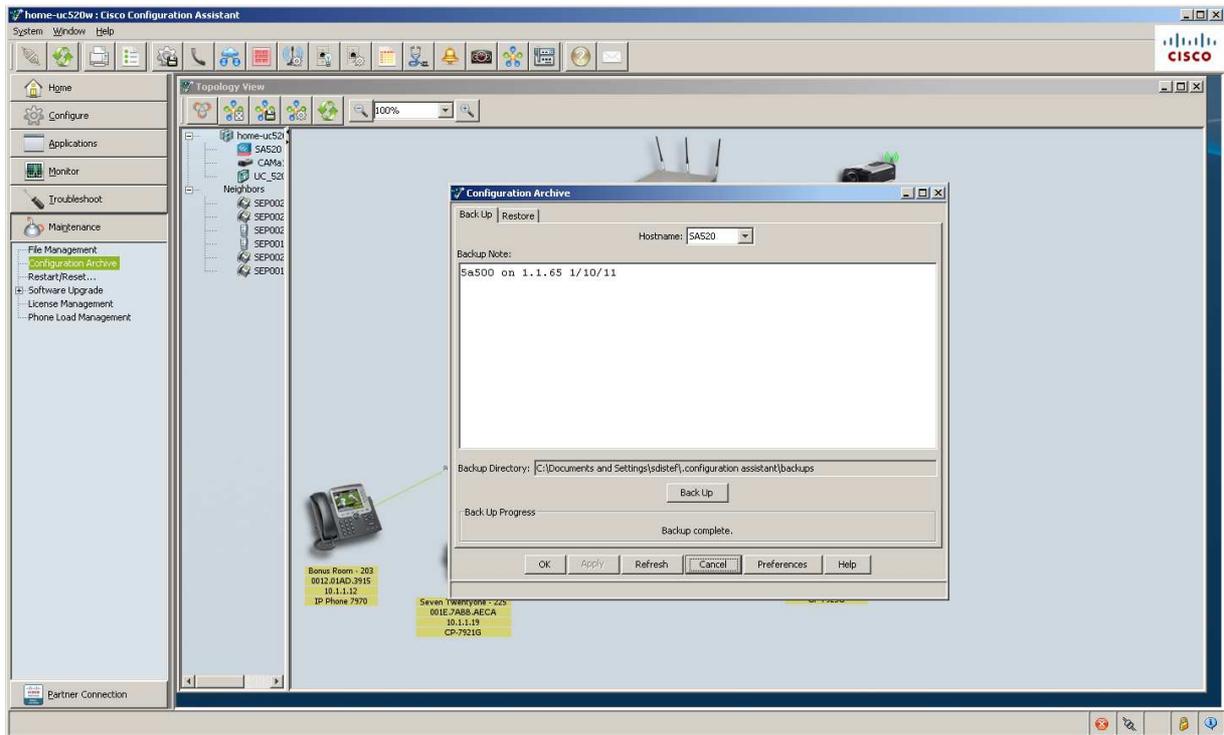
CCA Configuration

Here is an SA in front of a UC 500 in the given topology view. The SA 500 is the WAN interface and the UC 500 has a static data VLAN IP on its FE 0/0 connecting to the SA 500. More on this including settings you will need to use the SA 500 Web Browser interface is here:

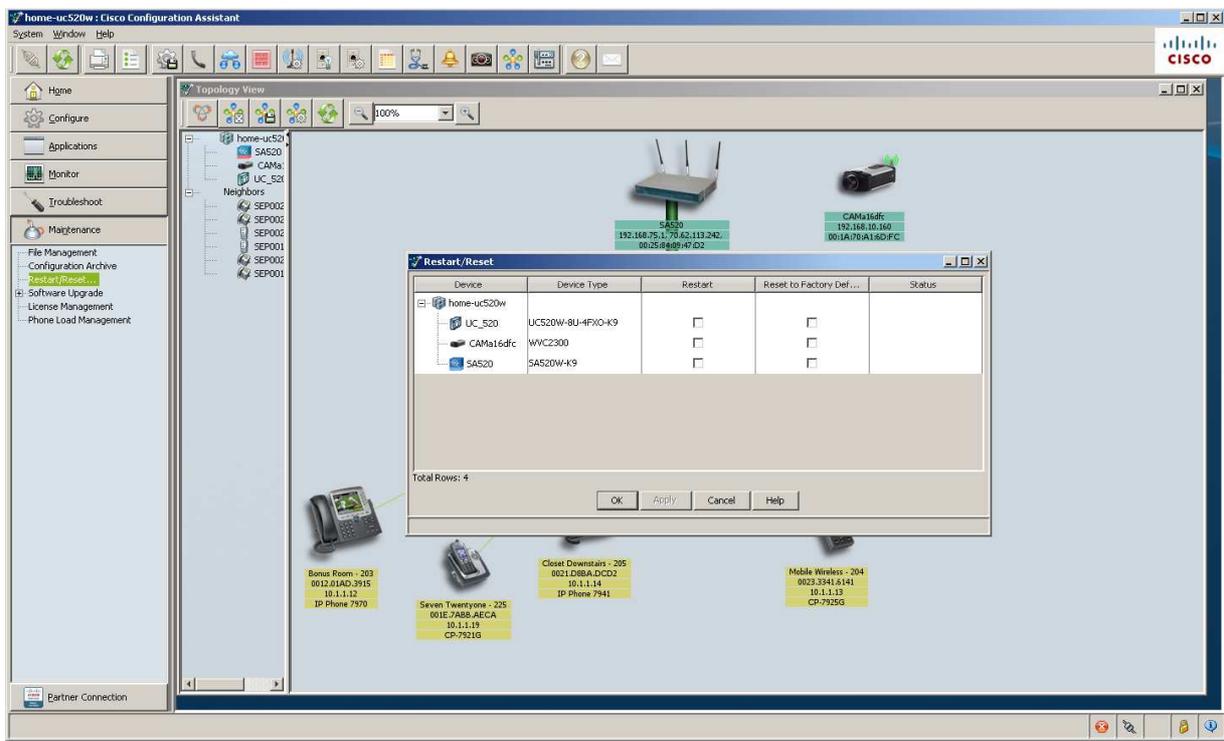
<https://supportforums.cisco.com/docs/DOC-9767>



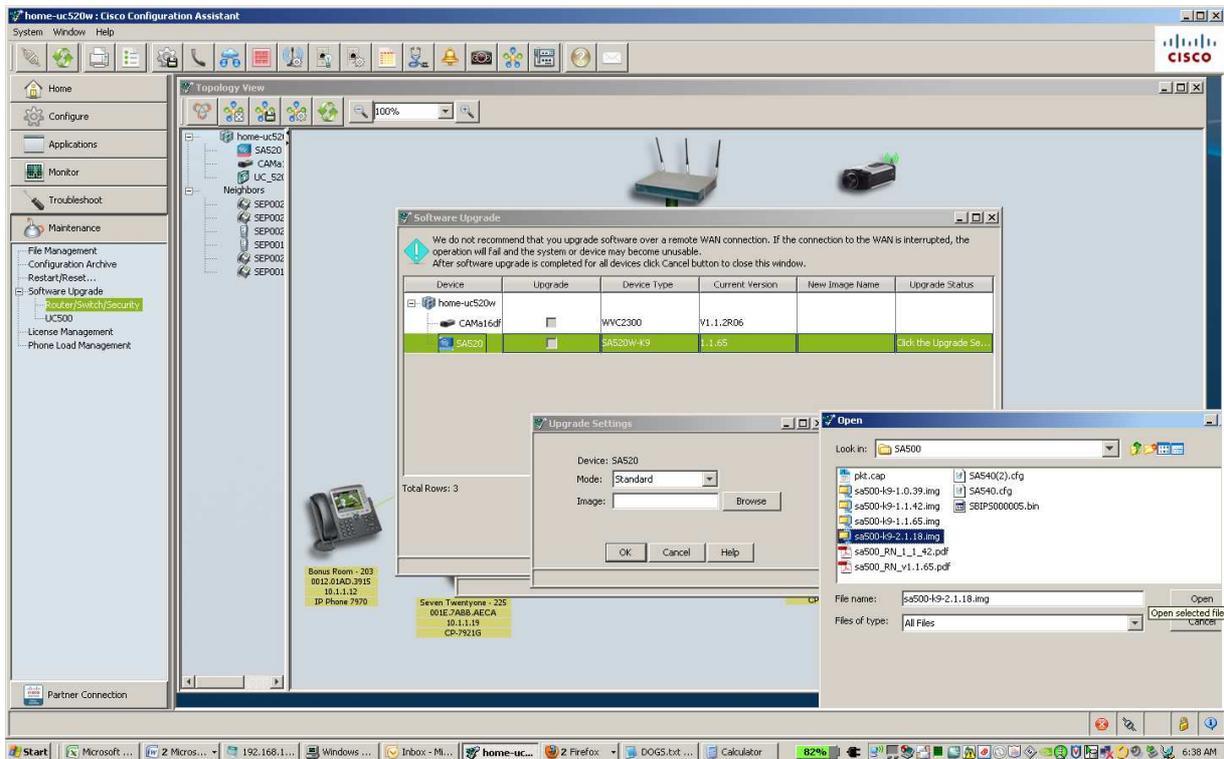
Here we see the SA 500 configuration can be backed up (and restored) using CCA Maintenance Drawer, Then Configuration Archive.



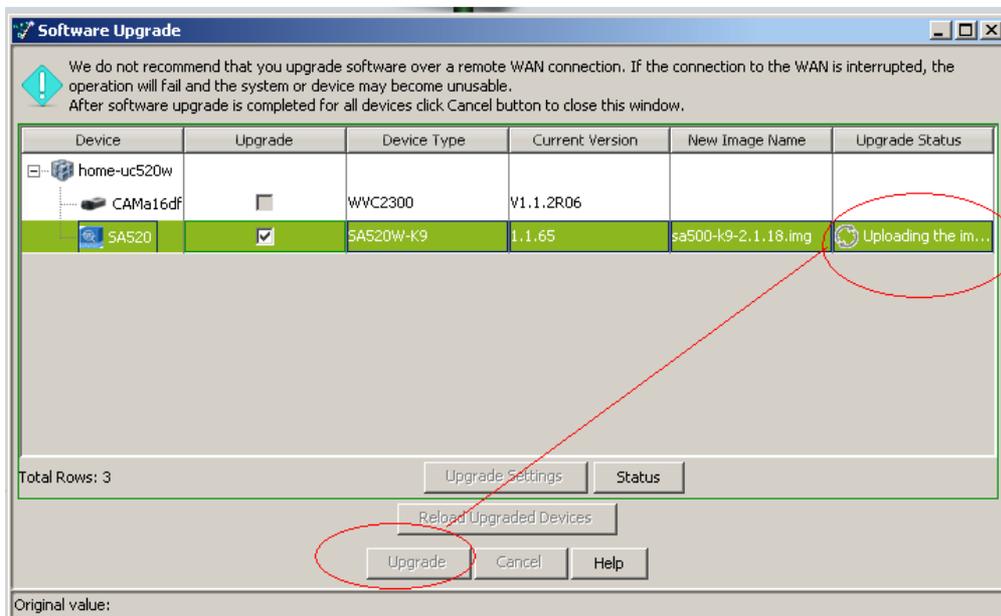
CCA also allows you to Reset and factory default the unit (the SA 500 FW release notes will indicate which fw releases require the factory reset so consult there).



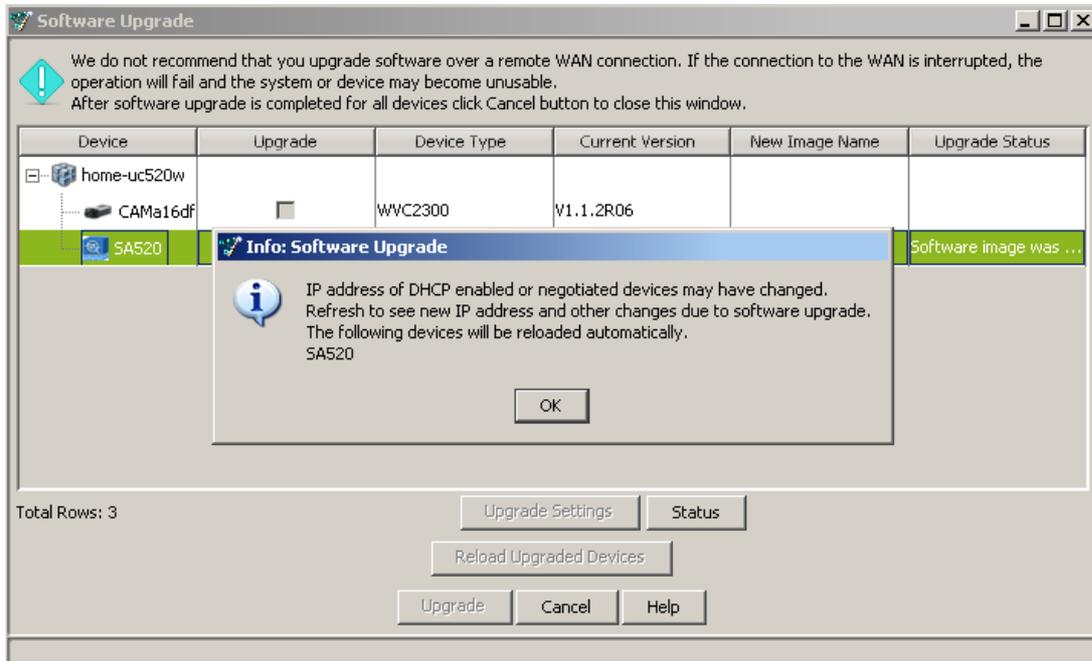
When I put this document together, there was a new FW version 2.1.18, which I downloaded to my PC, and shown here using the Maintenance drawer: SW Upgrade utility, I can upgrade the unit in my SBCS topology.



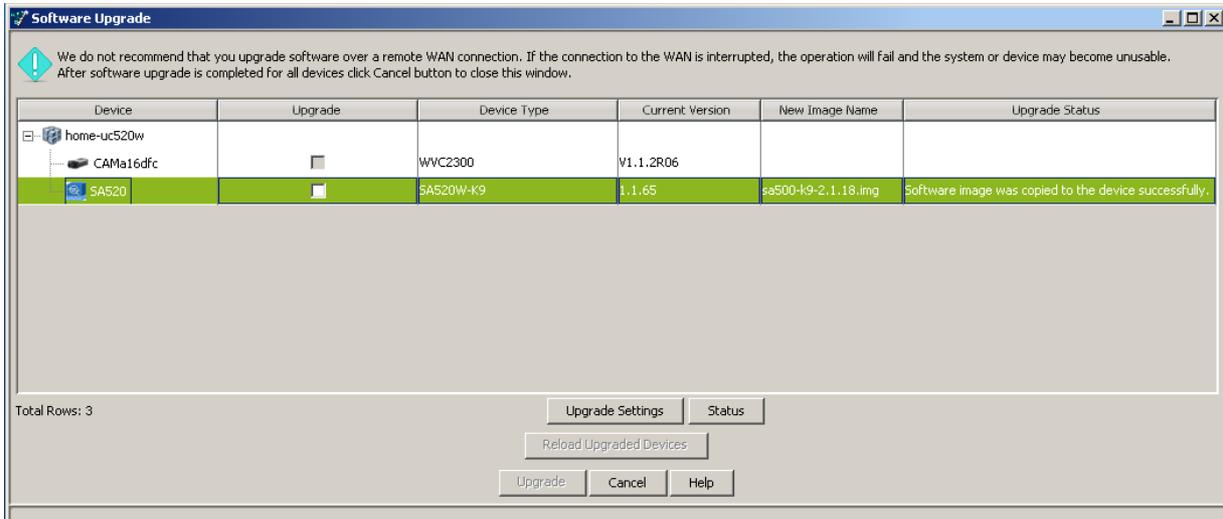
You will get status updates in this column.



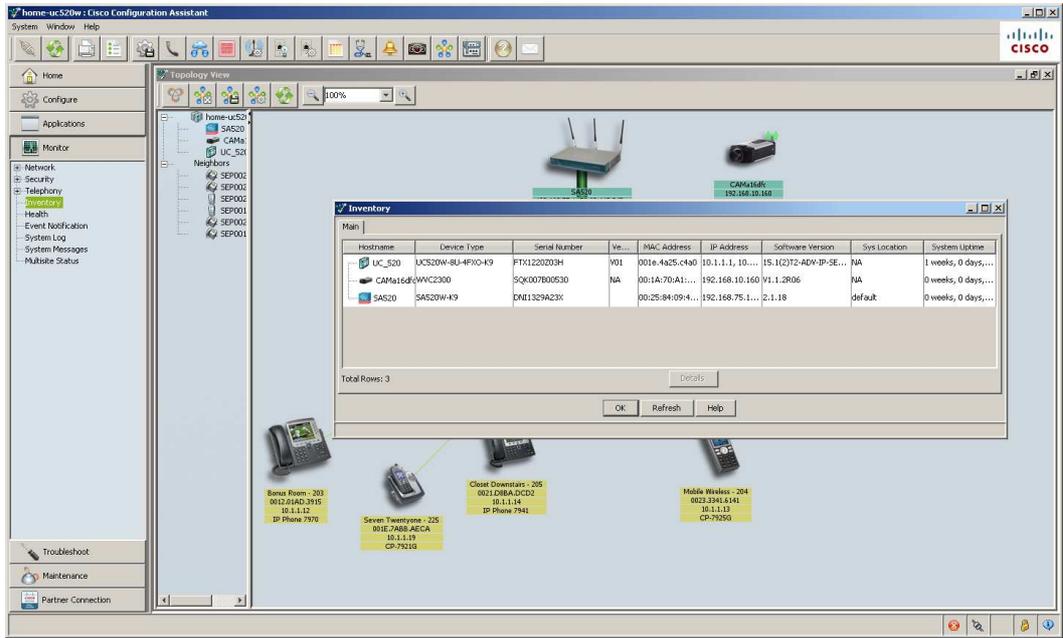
When its completed, you should see a similar dialog indicating it will reload the SA 500 for you.



Once that's done, you can close this window (x in the upper right)



Checking the SA 500 in the Monitor: Inventory GUI shown below:



Feel free to utilize CCA for your SA 500 and ask questions on www.cisco.com/go/smallbizsupport