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Thanks for your efforts on behalf of XYZ, and for the opportunity to comment on the Cisco WLAN config.

Since I do not know the production environment or the geographic relationship between the WLAN and the 6506, my comments here have to be of a general nature.

Here are my observations:

- The 5508 scales up to 500 AP's, via simple license downloads. It scales nicely and supports the latest spectrum analysis technology from Cisco (CleanAir).
- The aggressive pricing on the 1140 AP's is probably due to the older age of the product. The 1140s were introduced two and a half years ago (Nov 2008) and they do not support the CleanAir technology. Cisco has been pushing the new 3500 APs (introduced mid-2010) as their newer/premium solution. The 1140s are stable performers, of course, but they are understood as being older products and due for a refresh soon (to match the higher speed AP announcements from HP and Aruba).
- The only other comment I would make is that the full functionality of the 5508 is also available in an add-in card for the 6506 (the Wireless Services Module, WiSM 2). Since I do not know if the 6506 in the config is co-located with the WLAN, I cannot say if this would be a feasible alternative. Plus, I do not know how the pricing of the stand-alone 5508 would compare with the WiSM2. But architecturally, they are essentially identical and the only differences might be in manageability.

Thanks--if I can be of service to you, as you support them, let me know--  
Glenn Miller, VP Strategic Advisory Services, May 2011