

Suggestion Details	
Suggestion #:	39411
Suggestion Title:	Modify Remstars to increase module capacity
Status:	Implemented
Affected Area:	SUGG MTI SPECTEK IC RECEIVING FG INCOMING
Submitted Date:	3/13/03 3:20:33 PM
Suggestion (What?):	Design and install dividers to increase the number of locations on a Remstar shelf to increase its module capacity. A Remstar is a storage device used in the SpeckTek Inventory Control department. They stand approximately 21 - 26 feet tall and have approximately 52 - 92 shelves in each device. These dividers should be designed to maximize the space for small module lots of 200 or less.
Supporting Evidence (Why?):	The Remstars in which we store modules are often very near capacity. Although there is a shortage of locations, there is not a shortage of space since each location is much larger than is necessary for our small quantity lots. If the shelves were modified to increase the number of locations in the same space, we could dramatically increase our capacity. By pursuing this course of action we could put off purchasing new module Remstars for an extended period of time.
Proposed Implementation (How?):	For the shuttle Remstars we could attach a simple ``U`` shaped divider to the existing wall of each shoe box shaped container creating 3 locations where 1 now exists, increasing our shuttle storage capacity by 300%. For the carousel Remstars we could modify a ``pigeon hole`` module crate that would allow us to create 180 locations where we now have 24 per shelf. This would increase our carousel capacity by 750%.
Evaluation Text:	This suggestion has been accepted and implemented. (4/2/03 8:37:40 AM) This suggestion has been an incredible success. (5/30/03 2:12:53 PM) Reverse to pending to be able to update cost savings. (5/30/03 2:14:55 PM) This suggestion should allow us to avoid the purchase of two new Remstars. We are now at near capacity and in dire need of more locations. (5/30/03 2:18:58 PM) This suggestion has been implemented. We have converted 20 shelves in REM-17 and 6 shelves in REM-08. We've already increased REM-17's storage capacity by 38% and have the potential to increase capacity by a total of 176%. We have increased REM-08's storage capacity by 89% and have the potential to increase capacity by a total of 729%. REM-17 is a shuttle Remstar and REM-08 is a carousel Remstar. Here's the pricing information we've received from our Purchasing

group on these 2 devices.

Remstar Shuttle P/N NT2 1250 0825 078 \$ 68,958.00

Remstar Vertical Carousel P/N 351W-26-16.5 \$ 73,441.00

Before we implemented this suggestion, the storage capacity of REM-17 was 97% full and the storage capacity of REM-08 was 84% full. By implementing this suggestion, we've avoided the need to purchase 2 additional Remstars. The potential savings by implementing this suggestion is \$142,399.00.

(5/30/03 2:21:52 PM)