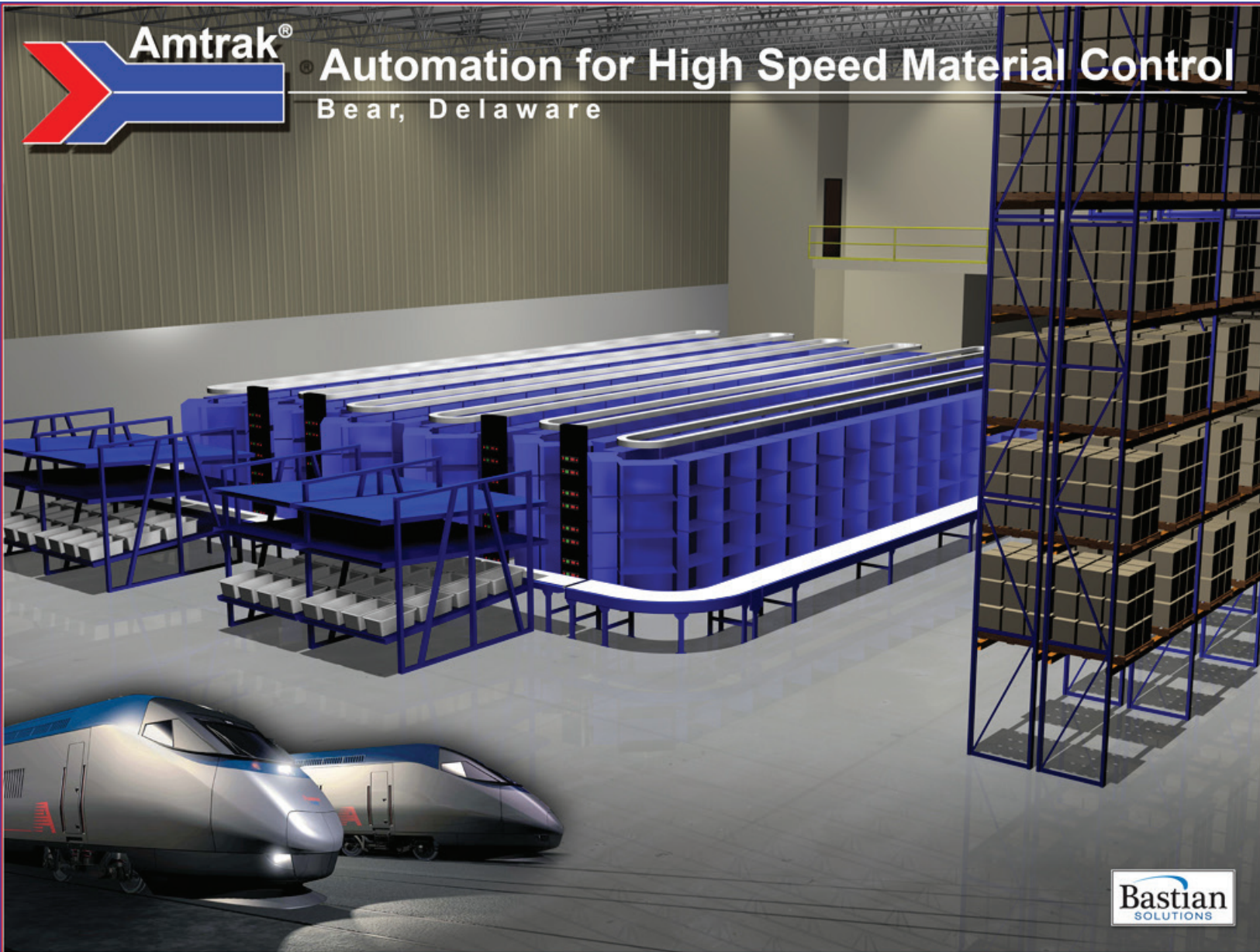


Amtrak

Improving On-Time Part Delivery Leads to Faster Maintenance Cycles at Amtrak



System Overview:

Amtrak provides intercity passenger rail service to more than 500 destinations on a 21,000-mile route system. Amtrak's facility in Bear, Delaware is responsible for the vital repair and upgrade work performed on all AM-FLEET passenger cars in the Northeastern Corridor.

With Bastian's help, Amtrak wanted to gain control of their inventory and improve on-time part delivery to speed up the maintenance process.

For more information, visit bastiansolutions.com or call (800) 772-0464

Bastian
SOLUTIONS

Amtrak

Improving On-Time Part Delivery Leads to Faster Maintenance Cycles at Amtrak

Business Challenges:

- Amtrak's facility in Bear, Delaware is responsible for the vital repair and upgrade work performed on all AM-FLEET passenger cars in the Northeastern Corridor.
- With the old system, the inventory of more than 4000 parts required for this service was scattered throughout 6 repair facilities.
- Amtrak wanted to gain control of their inventory and improve ontime part delivery to speed up the maintenance process.

Key Technologies:

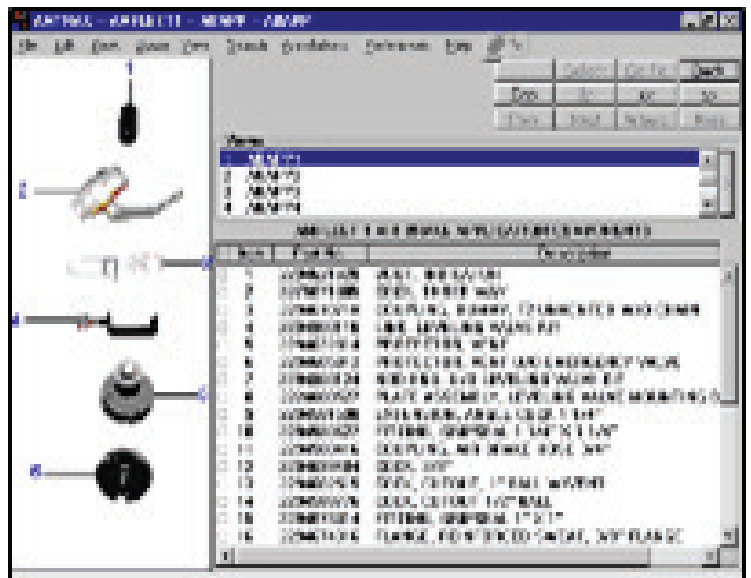
- ASAP Automation Exacta System (WMS)
- Two pods of three horizontal carousels (Universal Pod)
- Two flow-rack stacks for fast-movers RF picking and putaway
- Template Order Processing Module
- Electronic Catalogue Interface

Results:

- The Template Order Processing Module allows foremen to easily order pre-defined part kits for train cars.
- The Electronic Catalogue Interface enables mechanics to quickly order parts from Amtrak's picture-based electronic catalogue.
- Bastian's system design and engineering in combination with ASAP's Exacta System allows efficient picking of orders in parallel and quick direct delivery to the appropriate repair shop.
- The installation has resulted in an inventory dollar reduction of 40%, as well as increased worker productivity.
- Similar systems have been installed at Amtrak facilities in Indiana, Illinois, and California.



Amtrak Acela



Part Selection by Picture