

The Future of Manufacturing in U.S.A,

# HIGH-SPEED RAIL



## Nippon Sharyo, Ltd.



### Corporate Profile

- Head Office: Nagoya, Aichi, Japan
- Established: September 1896
- Paid-in capital: 11.8 billion yen (\$ 131 million)\*1
- Sales: 98.6 billion yen (\$ 1,095 million)\*1
- Employees: 2,022 \*2

\*1 (As of March 2010)

\*2 (As of May 2010)



### ISO Certification



ISO9001  
JQA-0973



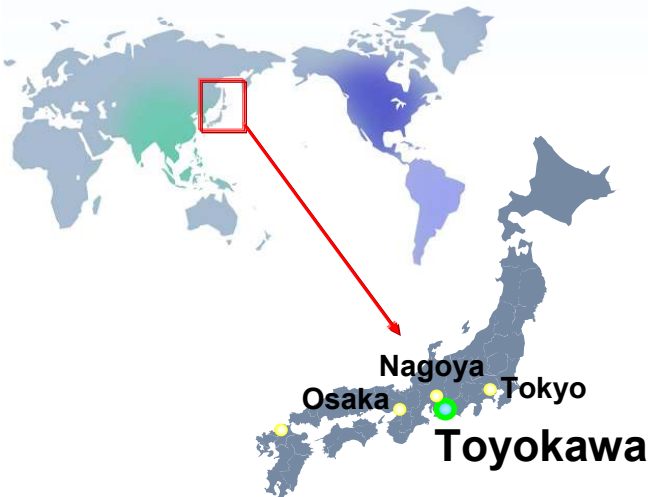
ISO14001  
JQA-EM3309

## Outline of the Toyokawa Rolling Stock Plant

- Sales: 66 billion yen (\$ 733 million) \*1
- Employees: 952 \*2
- Total Area: 290,245 m<sup>2</sup> (71.72 acres)

\*1 (As of March 2010)

\*2 (As of May 2010)



Toyokawa Plant

## High Speed Train

1964



Series 0  
(130mph)

1986



Series 100  
(143mph)

1997



Series E2  
(171mph)

1999



Series 700  
(177mph)

2005 Taiwan



Series 700T  
(186 mph)

1982



Series 200  
(137mph)

1992



Series 300  
(168mph)

1997



Series 500  
(186mph)

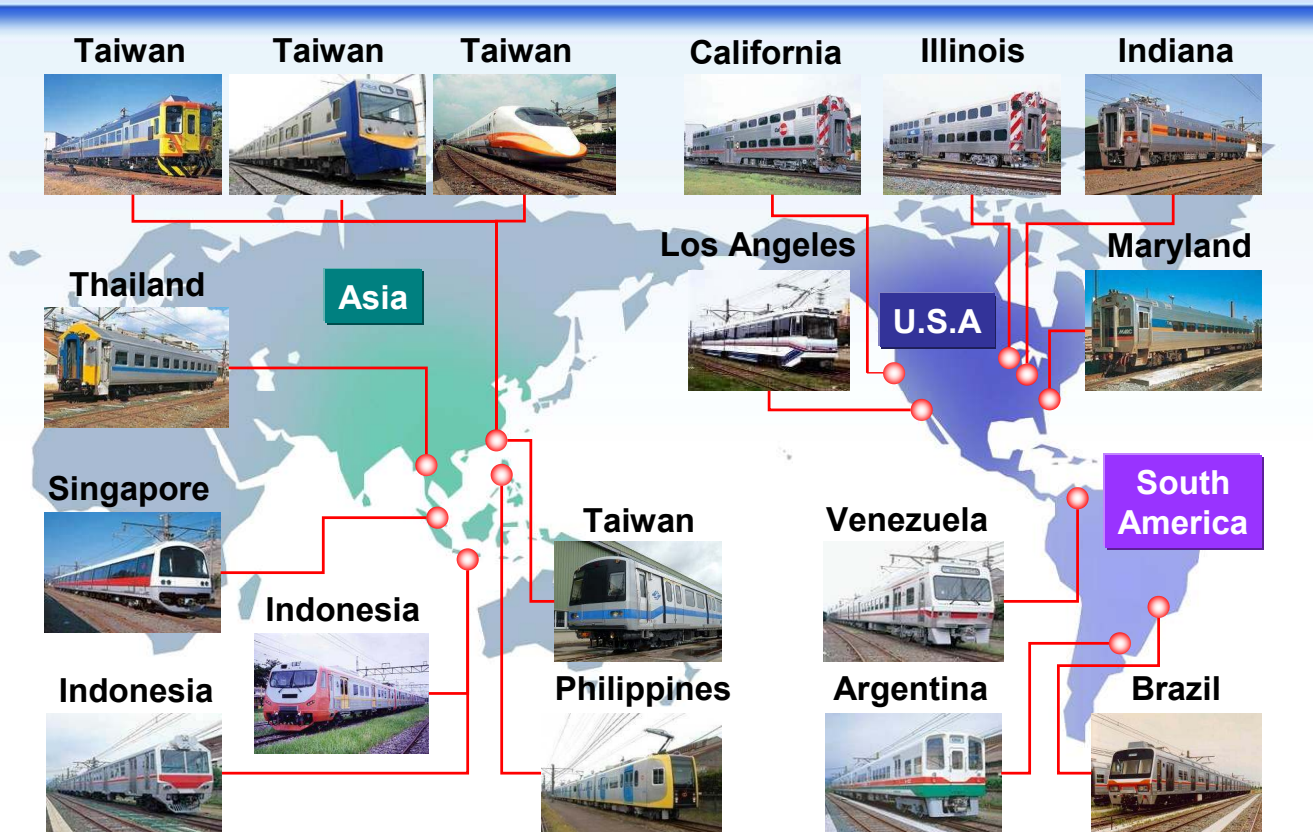
2007



Series N700 (200mph)

Japan

**Greatest market share: 3,000 cars as of 2010**



# Nippon Sharyo USA, Inc.

## Corporate Profile

- Headquarters: Arlington Heights, IL  
Northwest suburban Chicago, just off Arlington Heights Rd. exit of I-90
- Established: May 1982
- Management Staffs: 16
- Role: U.S. Project Administration, Manufacturing Oversight, Engineering, Purchasing and Quality Control Functions



# USA Project History

Nippon Sharyo USA delivered 886 cars as of Jan. 2010.

1982 (71) 1985 (63) 1993 (479) 2007 (71)



**NICTD  
EMU  
Indiana**



**MARC  
PC  
Maryland**



**METRA  
Gallery PC  
Illinois**



**VRE  
Gallery PC  
Virginia**

1984 (93)



**CALTRANS  
Gallery PC  
California**

1989 (69)



**LACMTA  
Los Angeles  
California**

2005 (26)



**METRA  
Gallery EMU  
Illinois**

2008 (14)



**NICTD  
Gallery EMU  
Indiana**

***To date, every car has been delivered on schedule.***

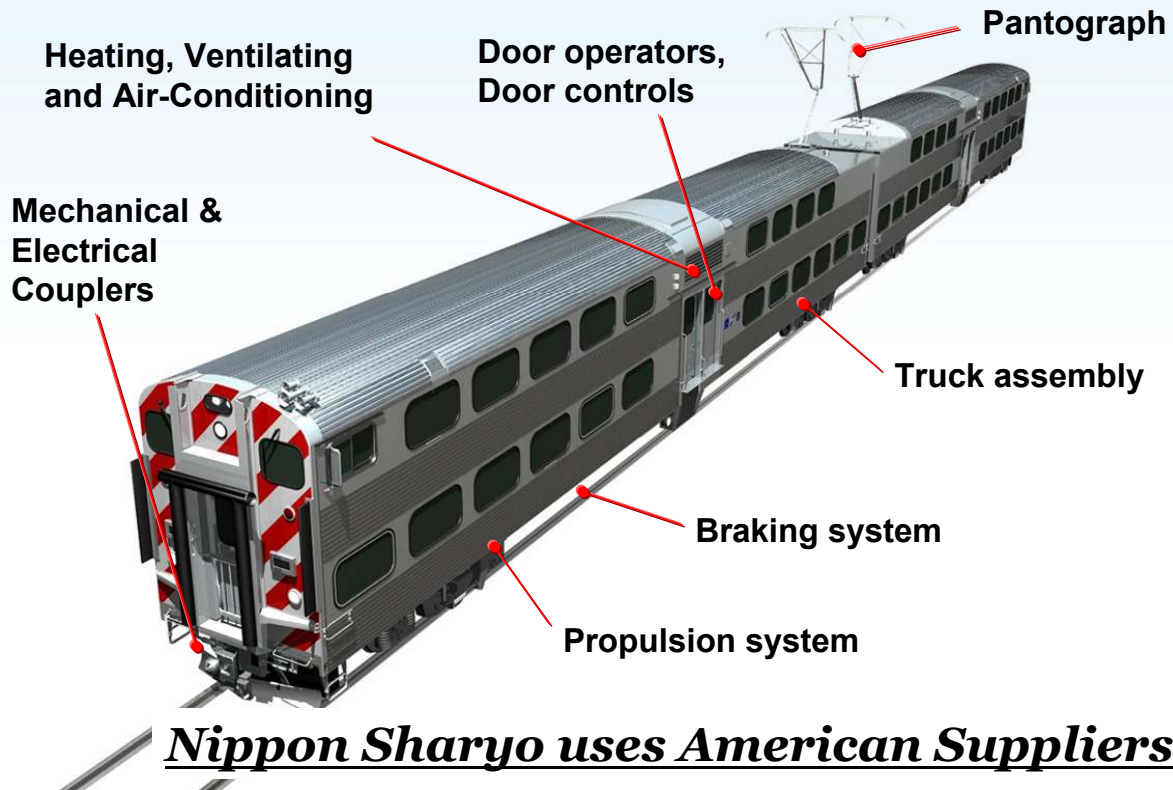
# Final Assembly Activity

We assembled all 886 of the cars for our US customers in the United States with American workers.



# Economic Effect

Nippon Sharyo USA creates jobs.



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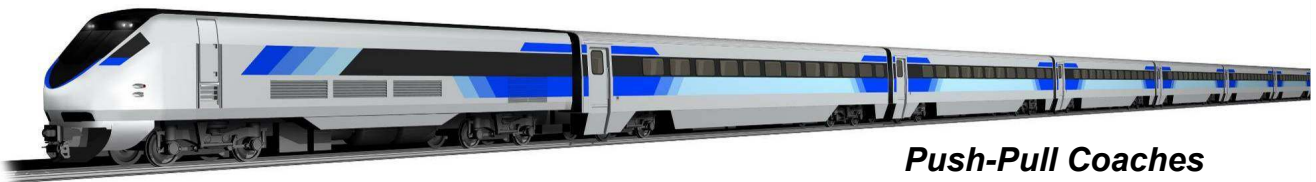


- Interior panels
- Passenger seating
- Toilet
- Wheelchair lift
- Lighting

We assembled our railcars in the United States with American workers.

# Proposal for Chicago Hub

 NIPPON SHARYO



- Safe and dependable travel at speed up to 125 mph
- Proven technology for fast, reliable and safe travel
- Meet the highest quality standards
- Manufactured on time with full FRA compliance

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***THANK YOU VERY MUCH  
FOR YOUR ATTENTION!***

 **NIPPON SHARYO**