

# Green California Summit

**Becky Johnson, Director of Public Affairs, Mobility Division**  
**April 19, 2011**

## Siemens in California



**Employees:**  
**4,779**



**Sales:**  
**\$1.7 billion**



**Employee wages:**  
**\$472.8 million**



**State taxes (2009)  
corporate & payroll:**  
**\$38.1 M**



**Total locations: 77**  
**representing 2.7 million square feet**



**We need solutions that help eliminate this...**



# Integrated Transportation and Logistics Solutions: Networking Improves Efficiency

Integrated solutions are the key to safe, clean and reliable mobility

Intercity & High Speed Transport

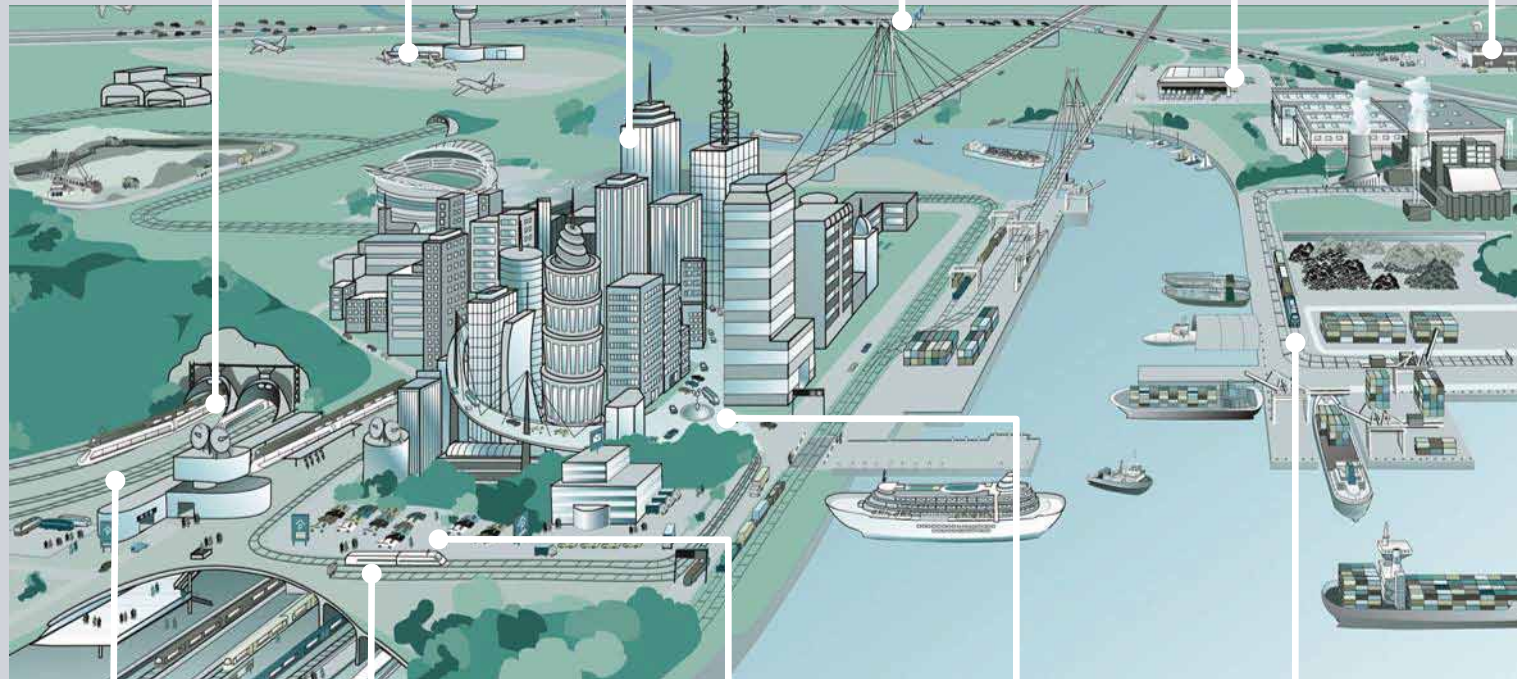
Airport Solutions

Metropolitan & City Security

Integrated Traffic Management

Fleet Management

Postal Automation



Commuter & Regional Transport

Urban Transport

Parking Management

City Tolling

Freight Transport & Cargo Management

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# Mobility – A complete portfolio for the integrated management of growing transport volumes



## Industry Sector – Mobility Division

### Rolling Stock (RS)



- § Public Transit
- § Locomotives and Components
- § Integrated Services

### Rail Automation (RA)



- § Mainline
- § Mass Transit

### Complete Transportation (CT)



- § Transport Solutions
- § Electrification
- § Intelligent Traffic Systems

### Infrastructure Logistics (IL)



- § Logistics & Airport Solutions
- § Postal Solutions
- § Customer Services

**#1 Traffic solutions – #1 Infrastructure logistics – #1 Rail automation**

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## Current Work in Sacramento

### Amtrak

- 70 electric locomotives

### Light rail vehicles

- Charlotte
- Denver
- Salt Lake City
- Norfolk
- Calgary
- Edmonton
- Minneapolis
- San Diego
- Houston



**2 MW solar**

**800 employees**

# French Road Manufacturing Facility



## One-stop manufacturing shop

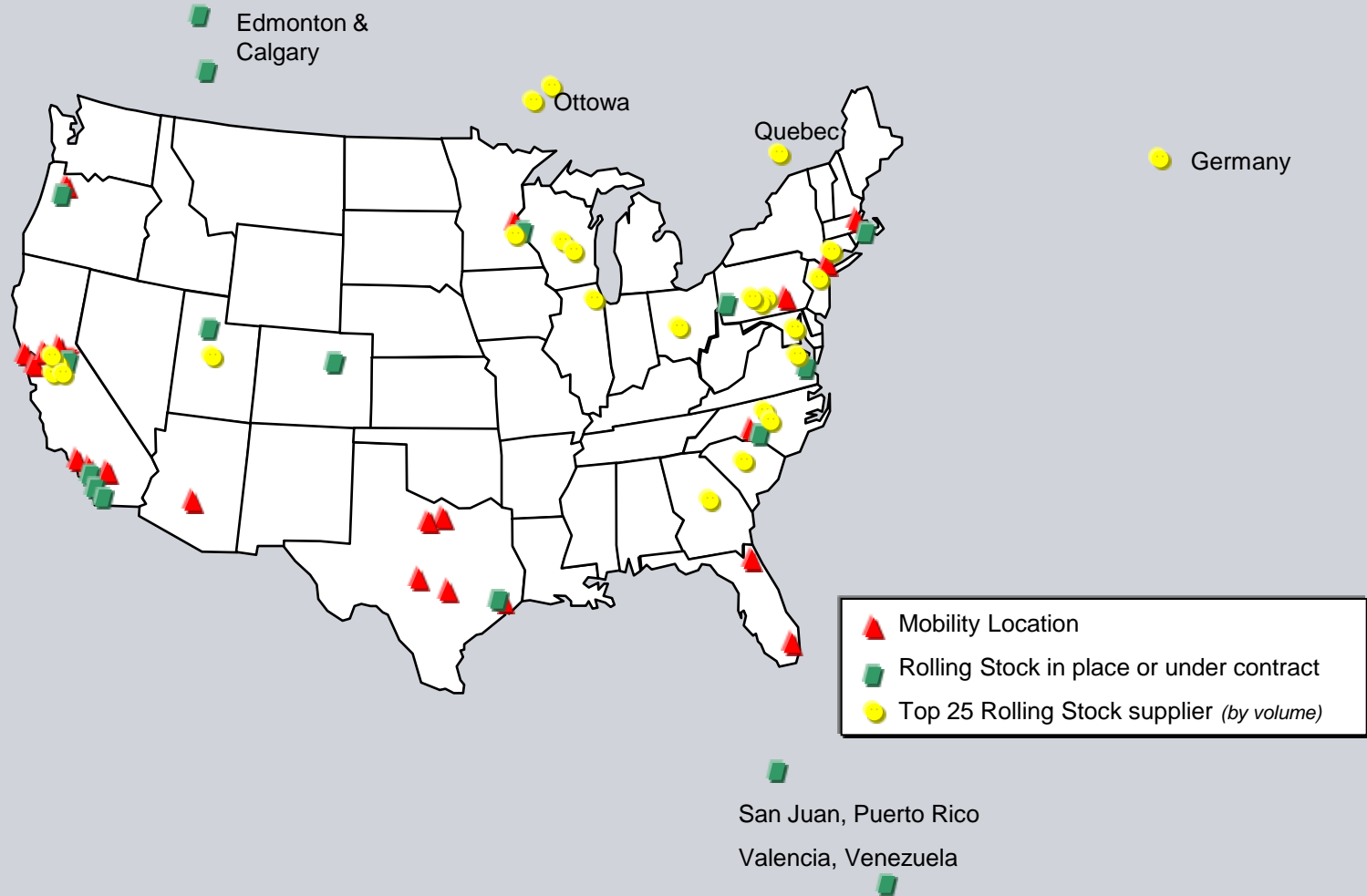
Siemens' Sacramento facility can do it all from start to finish: light rail vehicles, street cars, diesel multiple units and high speed rail.

- As Siemens continues to expand its Sacramento manufacturing facility, the company has the flexibility to produce a wider array of products to respond to America's rail renaissance.
- With planned future expansions, Siemens could add up to 250,000 square feet of additional manufacturing space, for a total of 550,000 square feet, and up to 1,700 direct employees.

The Present and Future of Rail in America

Mobility Division Headquarters  
Sacramento, California

## Sacramento's Impact on the US



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# Siemens has sold nearly 500 true high speed trains worldwide (e.g. China, Russia, Spain, Germany)



... and has won new HSR orders in the USA and UK end of 2010



**USA: City Sprinter**  
Amtrak Northeast Corridor  
70 Electric Locomotives (2010)  
V = 125 mph



**UK / France: Velaro**  
Eurostar / Eurotunnel  
10 Trainsets (2010)  
V= 320 km/h (199 mph)



**Spain: Velaro E**  
Spanish Railways RENFE  
26 Trainsets (2005)  
V= 354 km/h (220 mph)

**Germany:**  
ICE 1,2,3  
ICE T, TD  
Velaro D  
Deutsche Bahn AG  
273 Trainsets (1991-2011)  
V=225-320 km/h (140-200 mph)



**Russia: Velaro RUS**  
Russian Railways RZD  
8 Trainsets (2009)  
V=250 km/h (155 mph)

**China: Velaro CN**  
Chinese Ministry of Railways MOR  
60 Trainsets (2008-)  
V=380 km/h (236 mph)  
100 Trainsets (2011-)



**Austria: Viaggio Comfort (RailJet)**  
Austrian Railways  
67 Trainsets (2008 - )  
V=225 km/h (140 mph)



# How Can You Advance Complete Mobility?

SIEMENS



There needs to be a **shared vision** across a region.

Traffic congestion, air quality issues, and public safety don't stop at city or state lines.



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