

# Journey of a Systems Catalyst

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Socorro Systems Summit 2017



## TICKET **TO** RIDE

**ANNE O'NEIL** brings systems engineering to the transport sector

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# Formative skills and development

Systems Capacity

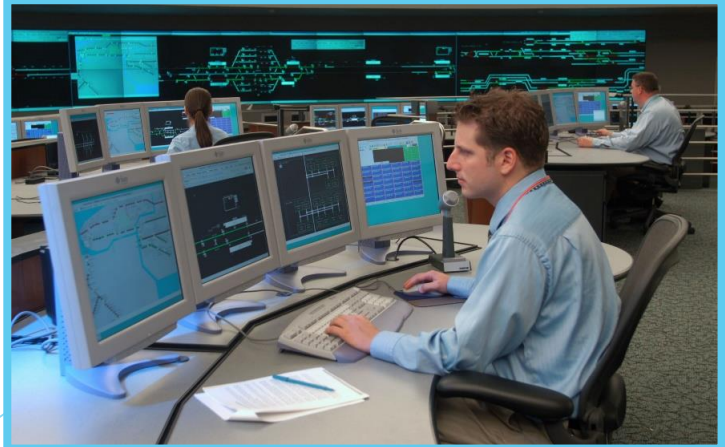
Leadership Skills

Communicator, Translator,  
People interaction

*Introduction to SE discipline*



# Founding Chief Systems Engineer, MTA New York City Transit: *Right Place, Right Skills, Right Time*





# Changing Infrastructure Environment.

*Levels of technology, integration, complexity require systems practices, expertise*



Payment Systems



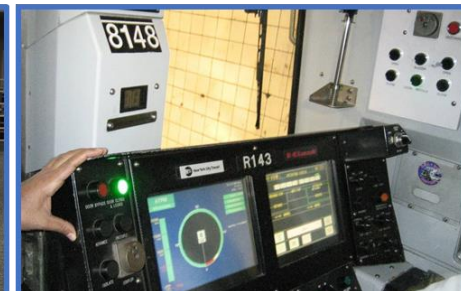
Wireless Communication Networks



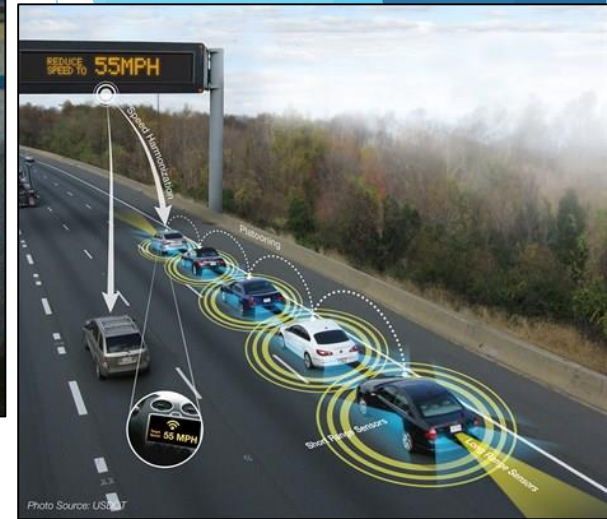
Customer Information Systems



Operations Management Systems



Automated train control



# Clear need to build systems capacity

Image from World Economic Forum\_April 2012 Industry Agenda\_Sustainable Transportation Ecosystem

**Systems Catalyst. Empowering change leaders.  
Creating communities for exchange.**



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