Cargo transportation issues in India:

Long lead time, slow shipments, unknown locations

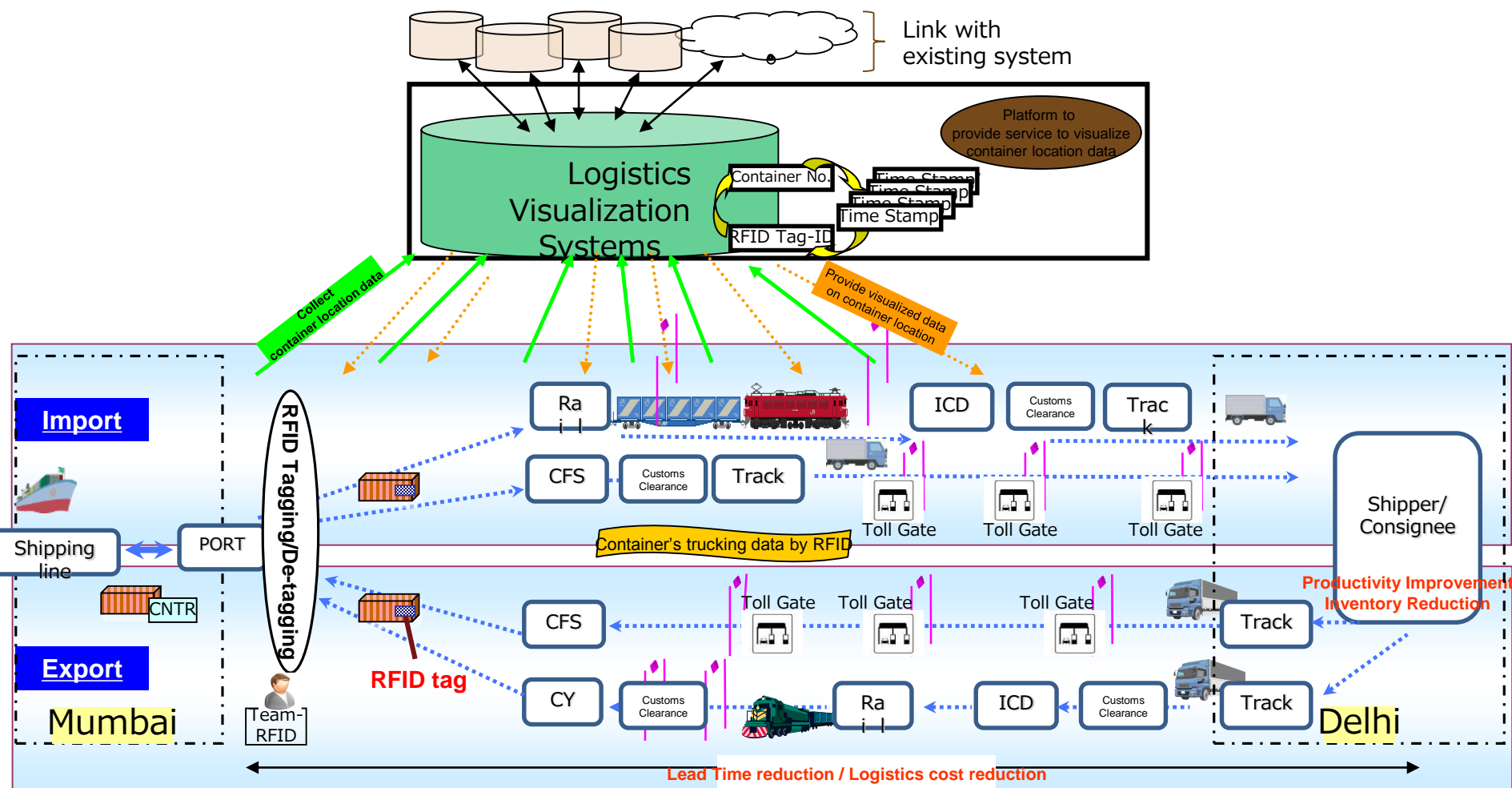| Present situation with cargo transportation		Issues to resolve
Long lead time	→	Achieve shorter transportation lead time
Containers are delayed at terminals	→	Ensure smooth reloading of containers
Difficult to trace transportation status	→	Visualize transportation status between companies

Solution

Rebuild and improve the supply chain by visualizing cargo transportation data → Achieve sophisticated logistics with NEC's logistics visualization solution

\Orchestrating a brighter world **NEC**

Summary of logistics visualization service

NEC provides a data service platform to visualize port-to-door marine container transportation data in India. We aim to shorten lead time and cut transportation costs by sharing data on containers between related businesses.

*CFS : Container Freight Station
*ICD : Inland Container Depot

Reduction in CO_2 emissions after the introduction of the DMIC logistics visualization solution in India

▎CO_2 emissions decreased by 120,000 tons in terms of absolute value, and by 170,000 tons if the increase in cargo volume is included.

	Feb'17	Dec'17	Δ	
Carbon emission (kg/month)	39,839,484	29,578,654	10,260,830	**26%**
volume	177,821	207,470		
volume as Feb'17 = 1	1	1.17	**123,130**	t−CO2/y
Carbon emission (if volume is stable between Feb and Dec)	39,839,484	25,351,645	14,487,839	**36%**
			173,854	t−CO2/y

←Including increase in cargo volume

\Orchestrating a brighter world   **NEC**