

**FORI AUTOMATION** INC.

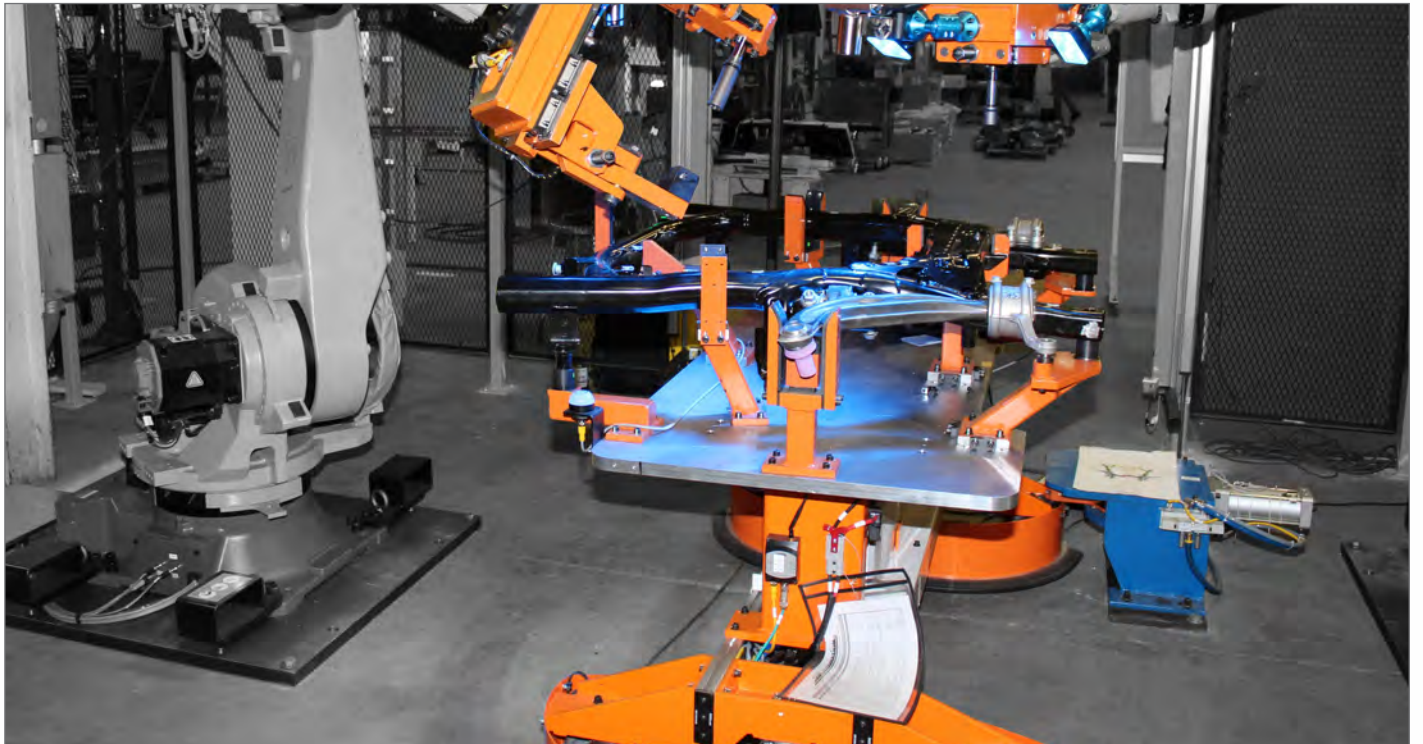
# FORI AUTOMATION RGCs

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GLOBAL HEADQUARTERS

Rail Guided Carts - RGCs

## Versatile RGC with 1,500 lb. / 680 kg Capacity



Utilizing a flex rail system and RGCs provides the upmost flexibility for customers who need to be able to accommodate changes easily. The ability to be flexible in the automotive world means less downtime, cost & reduced infrastructure during

installation. This level of flexibility is now becoming the norm in majority of our Automotive Assembly Systems. The RGC system can easily be modified, whether it be adding a station or a product impact change.

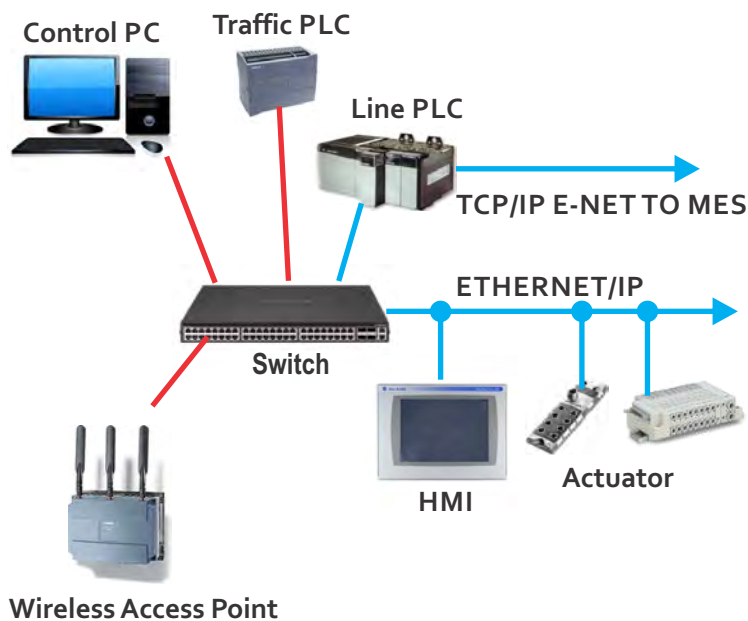


# RGCs vs Conveyor Comparison

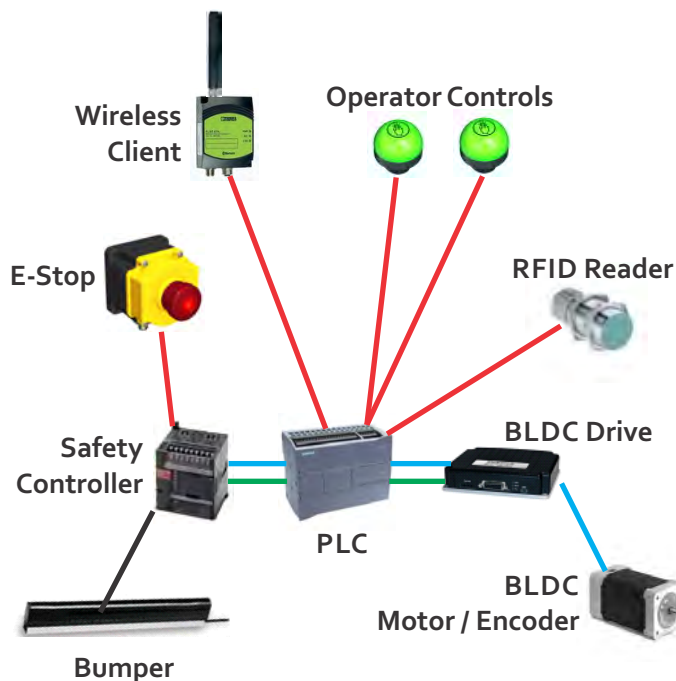
RGCs	Conveyors
360° Assembly access	Accessible on only two sides
Unlimited configurability	Confined by standard sizes
Tracks can be quickly changed when process changes occur, low cost	Cannot be quickly changed and will result in a stoppage of production, expensive
Easily accommodate W.I.P. or product dunnage on inside and outside of the line	Special means necessary to access the center of the loop
Quick setup and tear down times	Long setup and tear down times
Accommodates electronic Poke Yoke or other simple devices with on board I/O, expandable	Other systems are needed to perform Poke Yoke
RGCs can run across isle ways with inexpensive track ramps in place	Elevators and pits are required to cross isle ways
RGC electrical / controls infrastructure is modular and is easier make changes	Conveyor electrical / controls infrastructure is more integrated – changes are difficult
RGCs can be reused on upcoming programs with simple tooling changes and reconfiguration of the assembly line	Conveyors are designed for one system, reclamation is difficult. Many parts - greater wear
RGCs can be added or removed to a production line as volumes increase or decreases at the plant	Conveyors are designed based on maximum volume projection upfront prior to production beginning

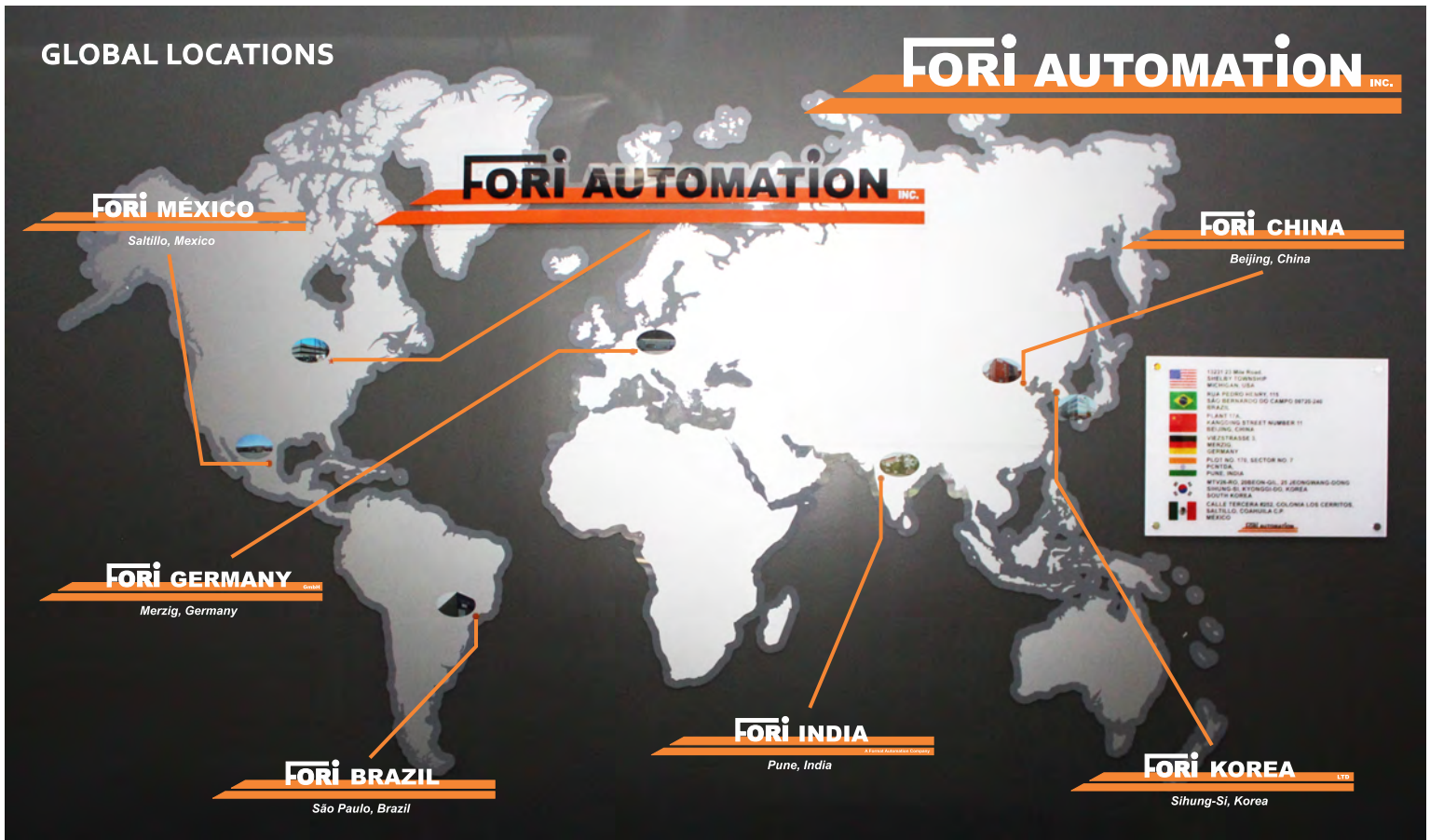
## RGC Controls Configuration

### Main Control Enclosure



### Cart Enclosure





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