



Increasing Productivity in Constrained Environments

The physical size and density of office, convention center, and manufacturing/ warehouse environments continue to increase creating new challenges for personnel movement.

Leaders and personnel in these medium and large working environments have the opportunity to overcome the challenge of covering these vertical and horizontal distances efficiently. The Micro Electric Vehicle can easily go through buildings with narrow hallways, up and down elevators, and from building to building enabling significant time savings.

Past challenges to focusing on personnel movement within campuses and facilities:

- **Lack of reasonable, full access, alternative to walking**
- **Scalability – distances were either too large or too small to realize return on investment (ROI)**

Due to its physical size and maneuverability, the Micro Electric Vehicle can effectively operate virtually anywhere a person can walk, including tight hallways (OSHA [exit route] requirements, [1910.36(g)(2)]), elevators, and doorways, as narrow as 28 inches, at speeds up to 13 mph. Due to the anticipated use in these tight office environments, the Micro Electric Vehicle has been equipped with an Operator Safety System (OSS) which provides the operator and personnel present in the vicinity of the operating Micro Electric Vehicle with an audible warning of the physical location of an operating Micro Electric Vehicle, thereby providing the safe coexistence of an operating Micro Electric Vehicle and walking personnel. The office of the company CFO was physically located with the offices of other Senior Executives. The company accounting offices were located on a different floor and in a connected building within the company campus. Historically, the CFO physically met with accounting personnel and managers at least two times a day. Each trip from the CFO Office to accounting offices involved walking through extensive hallways, two elevators to conference rooms or individual offices. The CFO walk averaged less than two miles per hour and each trip (both ways) took the CFO approximately 40 minutes. Introduction of the Micro Electric Vehicle could permit the CFO to make the trip with an average 50% time savings, each way, with the result of materially greater efficiency of the CFO in his work environment.

What does your workplace look like? How would the Micro Electric Vehicle help make your job easier?

