

## Harvard reduces greenhouse gas emissions by 22% with the XL3® Hybrid Electric Drive System

University dramatically reduces fuel consumption on campus mail delivery routes with XL Hybrids technology

### Challenge

Support Harvard's commitment to sustainability and using its campus as a living laboratory to identify and adopt innovative and cost-effective solutions that reduce energy.

### Solution

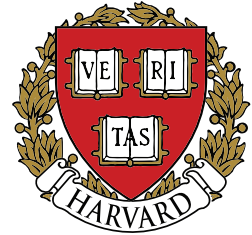
Retrofit Harvard mail services delivery van with the XL3 Hybrid Electric Drive System and measure results through the XL Link™ wireless data connectivity system.

### Results

The XL3 Hybrid Electric Drive enabled the University to deliver thousands of pieces of mail across the campus, and deliver a big win for the environment. The hybrid technology increased fuel economy, without sacrificing performance.

### Sustainability

A review of the hybrid van's on-road operational data showed a nearly 22% fuel and greenhouse gas emissions reduction over conventional cargo vans, yielding an annual CO2 reduction of over one metric ton per vehicle per year.



### Hybrid Fleet Electrification Numbers

**22%**  
Reduction in CO2 Emissions

**18,000**  
On-Campus Miles Driven

**99.9+%**  
Hybrid Vehicle Uptime

**28%**  
Improvement in Miles Driven per Gallon

Vehicle Type: **Chevrolet Express Van**

