

# Company Overview

Changing the Way the World Gets its Power®

Think of it. Freedom. From

- the power grid
- oil dependency
- batteries
- pollution

**That Freedom is available. Now.**

Alteryg Systems designs and manufactures proprietary proton exchange membrane (PEM) fuel cell systems, collectively known as Alteryg Freedom Power™ Systems. These compact, rugged, highly efficient systems generate electrical power at the point of use — making reliable, distributed power generation a reality.

An excellent alternative to batteries and generators, this innovative PEM fuel cell based system gives you the power you need, when and where you need it most.

Telecommunications, data centers, and other mission-critical applications benefit greatly from the uninterrupted, on-demand power, peak shaving and load



The Alteryg Freedom Power™ System

shedding made possible by Alteryg's innovative fuel cell systems.

Not only are Alteryg's systems rugged and reliable, they can be cost-effectively mass produced.

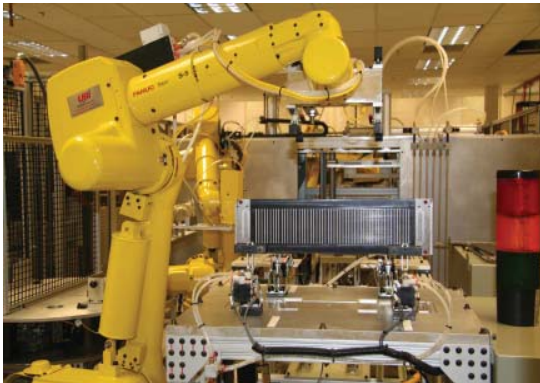
As a result, Alteryg's validated technology breaks critical fuel cell barriers and shifts not one but three existing paradigms: the perception that all fuel cells are expensive; how fuel cells are designed, manufactured and used; and, of greatest significance, how the 21st century world will be powered.

# The Alteryg Freedom Power™ System

## The unique Alteryg advantage

Alteryg Freedom Power Systems are the first truly viable commercial fuel cell solution. This unique status is the result of several differentiating characteristics:

- Capable of Being Mass Produced  
Freedom Power products are designed from the outset to be produced in high volume using off-the-shelf materials; stamped and molded fabrication; established high volume manufacturing processes; and standard, robotic automated assembly equipment.



Alteryg's automated, high volume fuel cell assembly line.

- Lower Cost  
Alteryg's innovative product design and the use of low-cost materials and automated manufacturing reduces critical component costs, enabling fuel cell pricing that is competitive with traditional power sources.
- More Rugged, More Durable  
Fragile components typically used in

competitors' fuel cells, such as graphite plates, have been replaced in Alteryg's design by rugged, highly durable components that withstand the severe environment experienced in industrial use.

- Smaller Footprint



The smallest footprint in the industry

Alteryg's products are heralded as having the smallest footprint of any existing PEM-based product in today's marketplace. With space a premium in many application environments, the more compact Alteryg system works where other fuel cell systems cannot.

As a result of these unique characteristics, Alteryg is changing the way the world gets its power.



140 Blue Ravine Road  
Folsom, CA 95630 USA  
916.458.8590  
info@alteryg.com  
www.alteryg.com