



SUSTAINING PROGRESS

United Technologies is a leader in the global building and aerospace industries. Our large investments in technology enable us to develop new and improved ways to keep people safe, comfortable, productive and on the move. By combining a passion for science with precision engineering, we create the smart, sustainable solutions that move the world forward.

Otis

The world's leading manufacturer and maintainer of people-moving products, including elevators, escalators and moving walkways.

Advanced, energy-efficient technologies.  
Customized solutions for low-, mid- and high-rise commercial, residential and infrastructure projects.

UTC Climate, Controls & Security

UTC Climate, Controls & Security promotes safer and smarter sustainable buildings with state-of-the-art fire safety, security, building automation, heating, ventilating, air-conditioning and refrigeration systems and services.

With a presence in the Rennes region since 1970, Carrier Transicold France's new service center in the Turbanière industrial area enables technicians to address all maintenance and service needs and offer increased responsiveness to customer calls.

UTC Climate, Controls & Security's research and development facility in Culoz is Ain's largest private employer.

Pratt & Whitney

A global leader in the design, manufacture and service of aircraft engines and auxiliary power units.

Turbofan, turboprop and turboshaft engines for commercial, business and military aircraft.

Auxiliary power units.

Maintenance, repair, overhaul and fleet management services.

UTC Aerospace Systems

One of the world's largest suppliers of advanced aerospace products and systems for commercial, military and space customers.

UTC Aerospace Systems has several locations in France producing and integrating systems, including landing gear, thrust reversers, nacelle systems, rescue hoists, propellers, cockpit controls and actuation systems.

UTC COMPANIES

More than 200,000 employees

Net sales of \$57.2 billion worldwide in 2016

Company- and customer-funded R&D investment of \$3.7 billion in 2016

UTC COMPANIES IN FRANCE

More than 14,000 employees

EMPLOYEE SCHOLAR PROGRAM <sup>1,2</sup>

Launched in 1996, the UTC Employee Scholar Program covers the cost for employees to continue their education in any field they choose.

UTC

**\$1.2B+** invested    **38,500+** degrees earned    **6,000+** currently enrolled

FRANCE

**\$3.0M** invested    **150+** degrees earned



1 December 31, 2016  
2 Since program launch in 1996

## HISTORY IN FRANCE

- 1884:** Otis establishes a sales office in Paris
- 1910:** First Otis European manufacturing plant is established in France
- 1922:** Chubb France established
- 1924:** SICLI is created by Charles Sachs
- 1961:** Profroid commercial refrigeration business established in Aubagne
- 1973:** Goodrich started operations in Toulouse, supplying nacelles for the A300B  
Delta Security Solutions is founded  
Carrier acquires Frigiking, a truck/trailer refrigeration producer with manufacturing in Rouen
- 1981:** Delta Security Solutions opens its first remote surveillance center
- 1985:** Carrier Transicold Industries S.C.S. formed
- 1998:** Hamilton Sundstrand acquires full ownership of Ratier-Figeac, the French aerospace components maker
- 2004:** Carrier acquires Linde Refrigeration, including Profroid
- 2008:** Carrier France signs an AlpEnergie 100 contract with GDF-SUEZ guaranteeing that its Montluel factory in France derives 100 percent of its electricity from renewable sources, such as hydroelectric power and wind turbines – the first industrial site in France to use green electricity
- 2009:** Delta Security Solutions launches the first IP securization solution for remote video systems  
SICLI & Chubb merge under Chubb France
- 2013:** Integration of Marioff within Chubb France
- 2014:** UTC Aerospace Systems opens production facility for thrust reversers and the integration of nacelle systems for the Airbus A350 XWB in Toulouse  
Delta launches the remote video guarding
- 2016:** UTC Climate, Controls & Security's research and development facility in Culoz becomes Ain's largest private employer  
Otis selected to provide elevators and escalators to the Nouvelle Samaritaine development

## ACTIVITIES OF UTC COMPANIES IN FRANCE



Air France selected UTC Aerospace Systems to provide maintenance, repair and overhaul services (MRO) for various actuation, air management and electrical systems on Embraer E-Jet fleets that Air France supports for its customers.



The Airbus A321neo, powered by the Pratt & Whitney PurePower® Geared Turbofan™ engine, received joint Type Certification from the Federal Aviation Administration (FAA) and from the European Aviation Safety Agency (EASA).



UTC Aerospace Systems provides key components for Airbus Helicopters NH90, including main and tail rotor actuators.



Intermarché Group, one of France's leading supermarket chains, chose Carrier Transicold to support its daily refrigerated transport operations. Intermarché's extensive distribution system consists of 650 refrigerated trailers that deliver fresh and frozen goods daily to more than 2,000 outlets.



Carrier implemented an innovative air conditioning system leveraging the use of seawater to simultaneously produce cold water (6/12°C) and hot water (40/45°C) for the Museum of Europe and Mediterranean Civilisations (MuCEM) located in Marseille, France. Otis elevators and Sicli safety equipment are also present in the building.



UTC Aerospace Systems provides components and systems for Dassault's Falcon 5X, including the ram air turbine emergency power system, fire detection and extinguishing systems, the throttle control unit and the next-generation SmartProbe® air data system that provides critical information for the flight controls and pilot display systems.



UTC Aerospace Systems has several locations in France producing and integrating systems, including landing gear, thrust reversers, nacelle systems, rescue hoists, propellers, cockpit controls and actuation systems.



The Eiffel Tower in Paris is equipped with Otis lifts, Chubb fire detection systems and Sicli fire extinguishers.



CIAT was selected to supply the air management and handling system for the completely renovated Picasso Museum (Musée Picasso) in Paris. The new equipment purifies the air inside the museum and maintains constant humidity and temperature levels to better preserve the museum's works and slow down their aging.



OTIS  
PRATT & WHITNEY  
UTC AEROSPACE SYSTEMS  
UTC CLIMATE, CONTROLS & SECURITY

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