

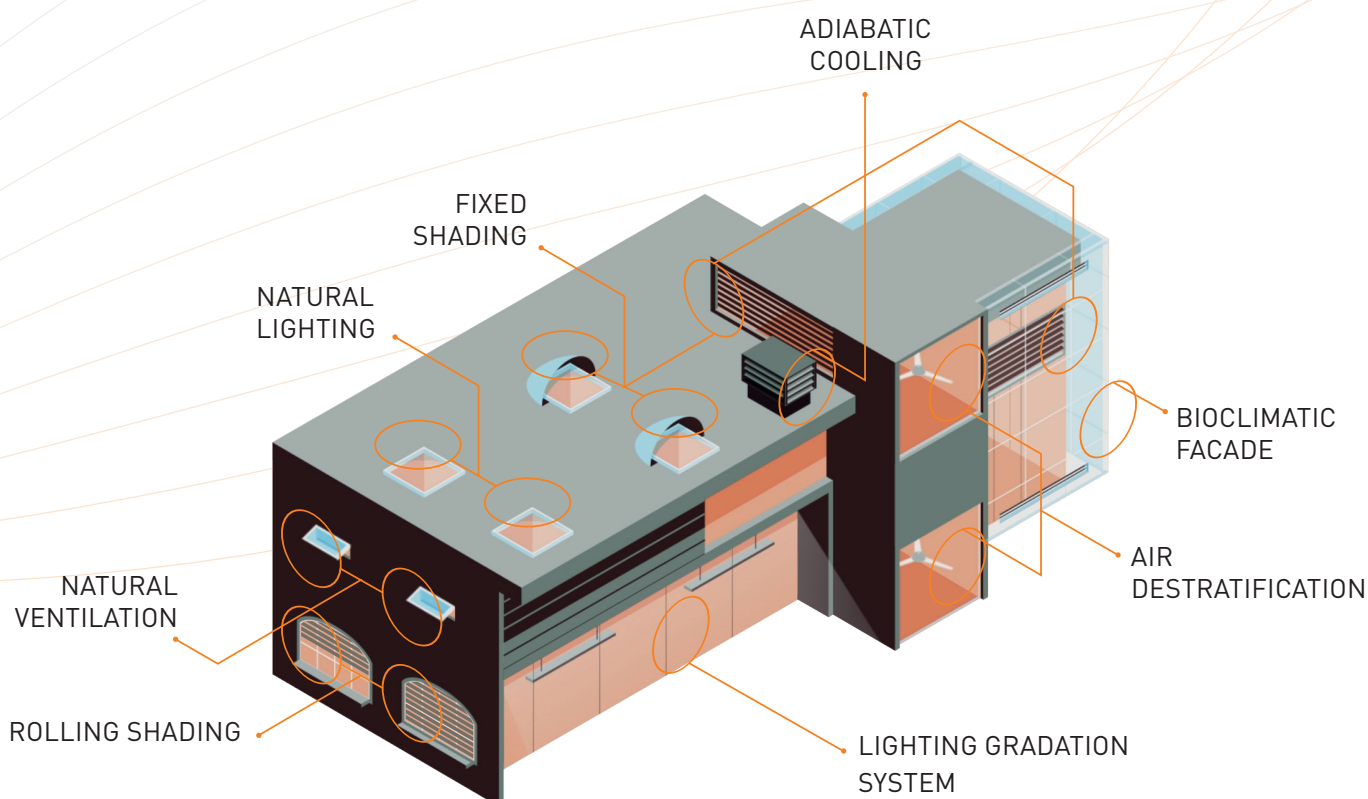
**Fire safety
& Natural energy management**





A SINGLE VISION OF BUILDINGS...

Adexsi brings together all essential actors of fire safety and energy management in construction field. Acting within a multi-skill network, our Bluetek, Essertec, Souchier-Boullet and Tellier Brise-Soleil companies customize solutions so as to make our activity places more sustainable, safer and more pleasant. Making occupants' comfort and security the centre of our concerns, with a continuous emphasis on natural energies, Adexsi offers news perspectives for buildings...

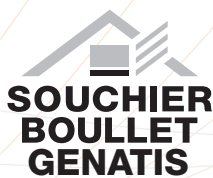


THANKS TO THE COMPLEMENTARY POSITIONNING OF OUR COMPANIES...

Adexsi offers one of the largest range of fire safety and energy management solutions for buildings all over the world. Using its experience and history, Adexsi brings you her expertise and capacities to solve building's issues. In a sector that is undergoing environmental and technical radical change, and part of a will to promote energetic efficiency in construction field, our sales and technical teams work together so as to meet these news challenges.



// Solutions for natural lighting, natural ventilation, smoke extraction and solar shading.
www.bluetek.fr



// Architectural and acoustic natural smoke extraction.
// Fire safety glazed systems, fire curtains, metallic fire doors.
// Natural ventilation and air supply, buildings energy management.
www.souchier-boullet.com



// Glazed products with an innovative design for natural lighting, ventilation and smoke extraction.
www.essertec.de



// Sun breakers and sun protection, facade decor, facade ventilation.
www.tellierbrisesoleil.com



A COMPLETE RANGE

As a manufacturer and major player in her field, ADEXSI brings you solutions and answers to your needs about energy management, roofing, compartmentalization, cantonment and facade issues. We propose complete studies matching our various products according to the worksite location, surface and activity inside the building.



RANGE ENERGY MANAGEMENT

Natural lighting

Our light tube systems enable a natural light input while preventing overheating. They can be adapted to all kind of roof : waterproofed, dry and renovation. Because artificial lighting represents an increasing proportion of our energy use, we have elevated lighting to be a cornerstone of our collective thinking.

Drive systems

An entirely automated control system for natural ventilation and artificial light as well as shading systems can optimize the buildings' energy management and occupant comfort.

Ventilation and cooling

100% simple and natural principle : when hot air meets water, heat is transferred, the air cools down. So as to reproduce this natural phenomenon, hot air is simply exposed to a humid exchanger (cellulose pad). During this time, fresh supply air places the building under pressure and hot air naturally evacuates.

Thermal destratification

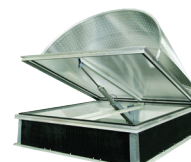
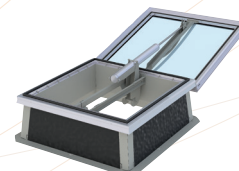
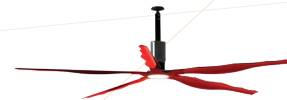
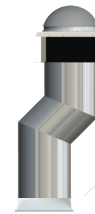
Hot air rises, cold air falls down. Our ventilation air treatment solutions allow temperature homogeneization and thus naturally warm occupied local areas.

Thermal insulation

Our specific skylights and vents range respects buildings' thermal insulation (industries, storage, Public Access Buildings...) and decreases energy costs. A limited heat loss represents a real asset for environment protection save resources.

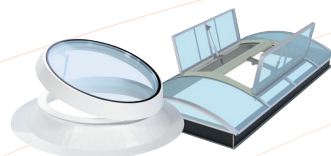
Shading

Several solutions can be used for sun protection. On facade or roof, our sun-breaker range allows to optimize visual and thermal internal comfort.



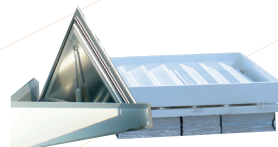
Zenithal lighting & Ventilation

Our vaults allow an important and pleasant lighting input. They can also be used for natural ventilation and smoke extraction. With our glazed skylights for flat roofs, let's fully seize an open and unspoiled view on the sky.... They also provide excellent thermal and acoustic insulation properties. Various glazing models are available for customized needs.



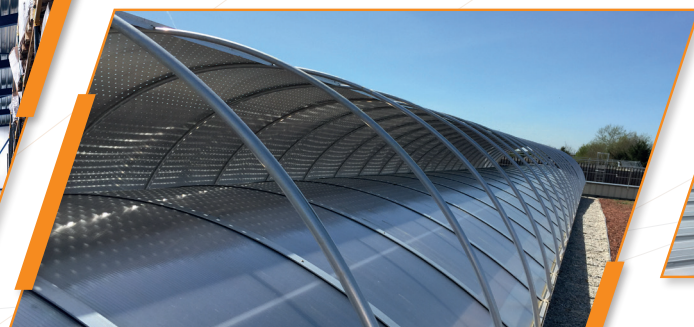
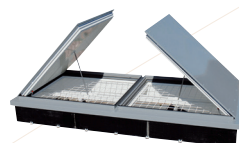
Architectural smoke extraction & Fire safety

Our smoke extraction and air vents enable smoke and heat evacuation and also bringing natural light and keeping a discreet design, while perfectly integrating into the architecture.



Acoustic solutions

Our high acoustic performance skylights (until 55 dB) are designed for buildings with particular constraints : cinemas, theatres, shopping malls... They enhance the security and acoustic insulation aspect of the building.



RANGE COMPARTMENTALIZATION & CANTONMENT

Metal fire safety systems & Compartmentalization

Our metal doors are all 1 or 2 hours fire proof. The range consists of sliding doors coated swing doors, or in stainless steel, inspection doors, and floor trap doors. These solutions are granted for 2 hours fire resistance (EI120). Compartmentalization removable solutions enable, in fire case, to keep sealed the areas from flames and hot gas released by the fire place.



Glazed fire proof system

Our large glazed walls EMV systems offers many possibilities of fire proof levels, and different dimensions and shapes. Perfectly associate to different types of walls, the glazed EMV walls are really adapted to movement of people.





RANGE FACADE



Natural smoke extraction & Natural ventilation

Facade profiles enables smoke extraction, natural ventilation and natural lighting. Their design and appearance are harmoniously integrated on each kind of buildings and architecture.



Sun-breaker

Our fixed or adjustable sun-breaker range offers several advantages for your building : restrict overheating without reducing wintering inputs, prevent from glare, reinforce insulation, reduce energy consumption and nicely cover the facade.



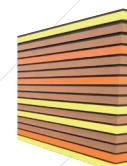
Air supply & Facade ventilation

Perfect choice so as to optimize buildings' smoke extraction offset by sweeping air.



Facade cover

Thanks to many possible finishes and combination, our decor panel range allows to cover every kind of buildings.



N | FR | SP | PT | BR | RO | DE | TR | CN



ABOUT US ADDED VALUE SOLUTIONS CASE STUDIES WORLDWIDE NEWS



FIND OUT MORE ABOUT ADEXSI ON THE WEB

// Welcome to Adexsi, the network of experts in fire safety, smoke ventilation and buildings' dynamic energy management systems.

Our manufacturing subsidiaries, Bluetek (formerly SIH-Hexadome), Essertec and Souchier/Boullet offer a unequalled portfolio of natural lighting, smoke, daily & natural ventilation systems and fire stopping systems for the benefits of occupants. Our **skylights** and **smoke ventilators** serve as **dynamic energy managers**. By harnessing natural elements and integrating **fire safety systems** in the working areas so as to make them quasi invisible, we contribute every day to the safety and comfort of people in any type of buildings.

www.adexsi.com

Find out our news, solutions, references and case studies
and also our Adexsi brands on our website.



REFERENCES ALL OVER THE WORLD



// INDUSTRIAL BUILDINGS

- **PLATFORM EL KHROUB** Constantine / ALGERIA
- **MERCEDES** Stuttgart / GERMANY
- **BMW** Shenyang / CHINA
- **RENAULT FACTORY** Tanger / MOROCCO
- **GILLETTE** Lodz / POLAND
- **VOLKSWAGEN** Lozorno / SLOVAKIA

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// COMMERCIAL BUILDINGS

- **OCEANO SUPERMARKET** Algiers / ALGERIA
- **XANADU** Madrid / SPAIN
- **PRINTEMPS HAUSSMANN** Paris / FRANCE
- **CARREFOUR** Bucharest / ROMANIA
- **ST ELLI CENTRE, LLANELLI** Carmarthenshire / U.K.
- **IKEA** Moscow / RUSSIA

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// PRESTIGIOUS BUILDINGS

- **PRADO MUSEUM** Madrid / SPAIN
- **PALACE OF VERSAILLES** Versailles / FRANCE
- **GRAND PALAIS** Paris / FRANCE
- **THE LOUVRE** Paris / FRANCE
- **UNIVERSITÉ** Limerick / IRLAND
- **AL WAJBA PALACE** Doha / QATAR

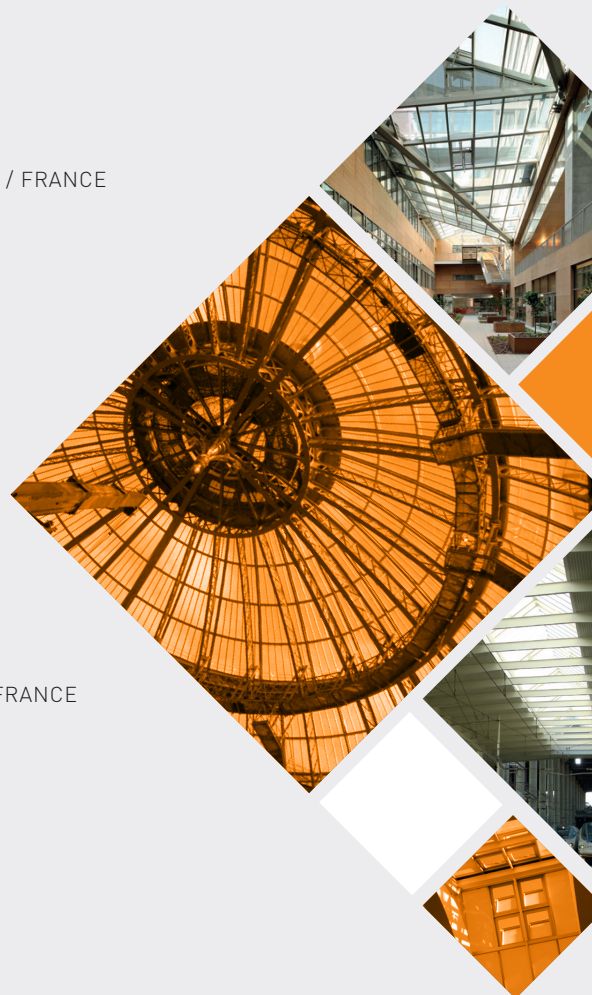
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// PUBLIC BUILDINGS

- **AIRPORT** Algiers / ALGERIA
- **THEATRE** Ghent / BELGIUM
- **MIST** Abu Dhabi / UAE
- **PARIS-CHARLES-DE-GAULLE AIRPORT** Roissy / FRANCE
- **AIRPORT** Oujda / MOROCCO
- **AIRPORT** Enfidha-Hammamet / TUNISIA
- **SOFITEL** Hanoi / VIETNAM

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adexsi

Opening new perspectives //

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