



OCER AIRFIELD

WE ARE THE AIRFIELD

A company of **ARETÈ COCCHI TECHNOLOGY** 

100
YEARS OF
AGL EXPERTISE



OCCEM AIRFIELD

Illuminating the Future of Aviation

OCCEM Airfield is a global leader in Airfield Ground Lighting (AGL), proudly partnering with over 1,500 airports worldwide. As the foremost expert in AGL, we are driven by a firm commitment to deliver exceptional customer experiences through our dedicated and knowledgeable teams.

Our innovative, comprehensive, and high-quality product portfolio positions us at the forefront of the industry.

We strive to be pioneers in aviation safety, sustainability and connectivity, consistently setting the industry benchmark for AGL solutions, products, services and turnkey projects.

Our ambition is to lead the way in enhancing the safety and efficiency of air travel, ensuring that every takeoff and landing is illuminated with precision and reliability.

Our mission is not only to provide superior lighting solutions but also **to foster long-term partnerships that drive progress and innovation in the aviation sector.**

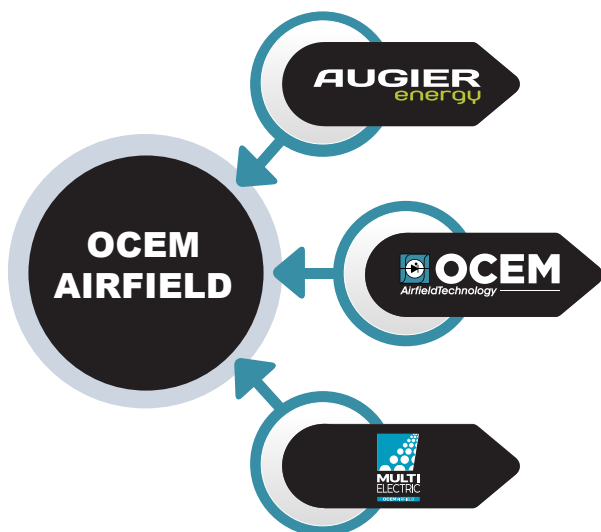
OCCEM Airfield is headquartered in Italy with production activities throughout **Italy and in France (Nice), and the U.S. (Chicago)** with sales and technical support centers on all continents. It is part of **Aretè Cocchi Technology, an industrial group of companies focusing on high-tech businesses in several industries.**

With commercial and technical centers in 14 countries, sales in 100+ countries and a total workforce of 800+ employees, we offer the benefits of a global conglomerate coupled with the closeness of a local supplier.

As pioneers in AGL products, we have one of the most comprehensive and robust products, solutions and services portfolios in the industry and are one of the few companies in the world today whose products are completely ICAO and FAA certified.

Our skills in project management with project managers who have decades of experience in AGL have given us a clear lead in turnkey projects all around the world. Customers automatically turn to us when it's an end-to-end AGL project deployment they are looking for. With 1500+ AGL installations and 250+ Airport Lighting Control and Management System (ALCMS) deployments globally, we have customers on every continent.

More and more airports around the world are putting their trust in us as we deliver on our promises. We have the proven expertise and experience to not let them down! It's time to put your trust in us and join our loyal customer base.



100 YEARS OF AGL TECHNOLOGY EXPERTISE

1900s

MULTI ELECTRIC is founded in 1917 in Chicago, Illinois and starts manufacturing lighting components

Airfield lighting pioneer, Buini & Grandi is founded in 1921 in Italy

1943

OCEM is founded as a power equipment supplier to laboratories

1950s-60s

OCEM and MULTI ELECTRIC move into the manufacture of airfield lighting products

Augier, is founded in 1954 in France in the energy distribution space

1990s

OCEM deploys first complete ALCMS for Rome Fiumicino Airport in 1994

OCEM acquires Buini & Grandi in 1993; OCEM acquires MULTI ELECTRIC and Augier in 1999

2000s

OCEM deploys first international turnkey systems project in Damascus, Syria in 2002

OCEM helps airports around the world make the switch to LED technology fixtures

2010s

OCEM, MULTI ELECTRIC and Augier become part of the Areté Cocchi Technology network in 2011

Constant Current Regulator (CCR) manufacturing consolidated at Augier, France in 2013; OCEM moves to new state of the art HQ in Bologna in 2014

2020s

OCEM Airfield wins large turnkey AGL contracts in Mexico, Hong Kong Intl and many more

OCEM Airfield launches new services offering latest generation ALCMS and Wise Lights

VISION

To become the leading AGL expert globally, excelling in customer experience and team engagement, supported by our extensive and reliable product portfolio

MISSION

To pioneer aviation safety and sustainability, setting the AGL industry standard through continuous innovation and recognized excellence in customer and team satisfaction



OUR VISION FOR A CONNECTED AIRFIELD

The current airfield exists of separate worlds - the Air Traffic Controller (ATC), airfield, apron and terminal - that remain disconnected from each other. So, while there is a lot of information in each one of these areas - because of the proprietary systems that are in place - they cannot talk to each other, as there is no exchange of data.

Converting the current airfield to a connected airfield that smoothly integrates all functions at the airport to allow for increased safety and sustainability is the smarter way forward.

At OCEM Airfield we believe in the connected airport where all airport assets are connect through the use of WISE solutions, from lights over control and monitoring to all other airside assets. Our WISE lights that indicate their overall status, our INFINITE ALCMS that brings intelligence to airside management and control and our UNISON solution that creates the intelligent layer between Lights, ALCMS and other assets. The future is connected, the future is efficient, sustainable and digital.

This interconnectivity will allow for an easy Follow-the-Green integration and increased flexibility in managing airport routing, guidance and monitoring.

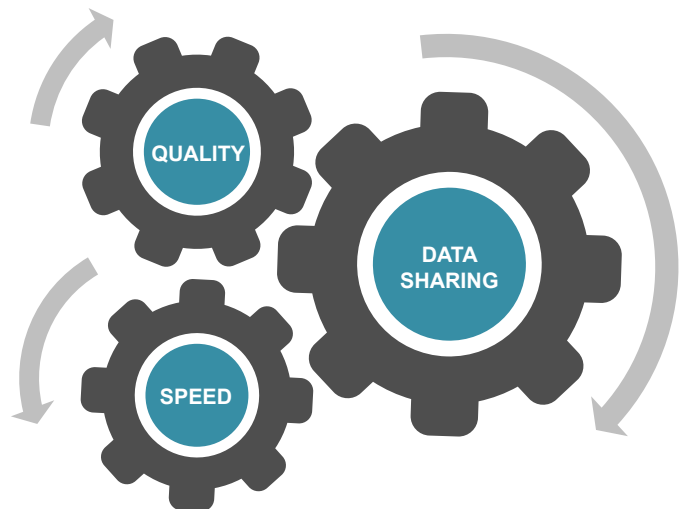
It will most importantly give a real-time status on the airfield availability.

HOW DELIVERING TURNKEY PROJECTS LAYS THE FOUNDATION FOR A CONNECTED AIRFIELD

Whether it's one of Europe's busiest airports, a military base in the Middle East that needs to be operational in all weather conditions or helping an airport in Asia or Africa meet its expansion plans, we are the partner of choice for turnkey projects.

For years now, we have strengthened our project management skills and are adept at offering customers a full range of services - from design, installation and training to operations, maintenance and upgrades. More often than not, customers opt to work with us end-to-end. And that's because of how we approach turnkey - our aim is to support a superior customer experience with the promise of delivering reliability, safety and quality. That's why we put the right competences and people on the job to manage increasingly complex systems and implement a first time right strategy that is executed within the given timeline and budget.

In keeping with our vision of a connected airfield, we do not lock in our customers with proprietary systems. Our platforms enable data sharing between all systems on the airfield to ensure seamless safety, efficiency and sustainability in all processes.



CONNECTED AIRFIELD
(OPERATIONS & SOLUTIONS)

A COMPLETE AGL OFFERING

For us at OCEM Airfield, AGL is not just a light but a complete solution. Our product portfolio takes care of all the lighting, power, control and monitoring needs of an airport or heliport.

Our Portfolio:



A full range of in-pavement and elevated lights for approach, runway, taxiway and apron (available in LED and halogen)

For years now, OCEM has one of the most complete and maintenance friendly LED lights for airports around the world. Our LED lights are suitable for ICAO CAT I, II and III, FAA and military runways. We continue to have a full range of halogen lights to meet special needs of customers. Look out for our WISE Lights, lights that share their status so you know when to maintain what light.



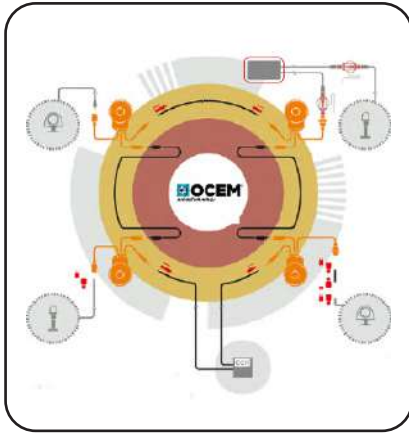
Ultra-thin LED guidance signs
Guidance signs are often a weak spot in the entire set up of an AGL system

At OCEM however, we have spent years in designing not only one of the thinnest LED guidance signs in the industry but also testing the latest generation signs in all weather conditions to validate IP grade, how they can withstand very windy conditions and exposure to a high degree of UV radiation.



Single- and three-phase constant current regulators containing circuit selectors

Our range of single and three phase constant current regulators maintain a constant, pre-displayed and adjustable output current, independent of load or power supply fluctuations. These devices are thyristor based or controlled by IGBT bridges and specially designed for supplying power to visual aids on the airfield, in compliance with all international standards.



Built-in capabilities for circuit and single-light control and monitoring

Easy to use, OCEM's Airport Ground Lighting Control is well suited for regional and international hubs and airports, thanks to its modular and scalable design. It is ICAO and FAA compliant for operation on runways up to CAT III. Its Individual Lamp Control and Monitoring System (ILCMS) is oriented towards preventive airport light maintenance, increasing safety and reliability.



Advanced systems to control and protect runways and manage air traffic safety

OCEM's next generation ALCMS will increasingly interface with other systems of the airfield to improve the performance and reliability of existing functions and implement a whole new set of applications.



A full range of in-pavement and elevated lights for heliports and vertiports (available LED or halogen)

Heliports/Vertiports have their own set of requirements that we meet. This includes inset and elevated heliport lights, an A-PAPI or a precision approach path indicator for heliports and floodlights.

End to end Project Management

We have all it takes to manage your full project end-to-end. That means we take charge of all the processes required to get the project off the ground - from design and commissioning to training and maintenance. It begins with reviewing and discussing all technical specifications with the customer to overseeing coordination with third-party vendors if needed and supervising contractors during the installation and commissioning phase. When the project is complete and prior to hand over, we can also help nominate an on-site manager for daily operations and maintenance of the AGL infrastructure.



VALUES THAT DRIVE US

PASSION

The head is not enough; we need the heart to do extraordinary things. Working with passion means bringing commitment and energy to everything we do, and infusing our actions with loyalty and enthusiasm even when the workload increases. We are willing to learn and grow every day, and don't settle for the ordinary.

EXCELLENCE

Our ambition is to improve and achieve ever higher goals. We innovate by always finding new ways to anticipate customer needs, and set a positive example and create value by pursuing high expectations.

TEAM WORK

We win together by helping each other succeed. Each one of us is important. We are all one piece of a larger puzzle. We play, win and lose together. Like in sports, to achieve a goal we must share rules and values and work together to overcome limits and obstacles.



COURAGE

Never be afraid of change.
By challenging conventions and
paradigms, we can find new ways to
improve ourselves and our company.
Put your heart and soul into
transforming an idea into a project.
Think outside the box.
Experiment and innovate, even when
it means running the risk of making
a mistake.

SIMPLICITY

Never be afraid of change. By challenging
conventions and paradigms, we can find
new ways to improve ourselves and our
company.
Put your heart and soul into transforming
an idea into a project. Think outside
the box. Experiment and innovate, even
when it means running the risk of
making a mistake.



WRITING SUCCESS STORIES AROUND THE WORLD

ANTARCTICA: Setting up an approach light system on ice runways

Deploying an approach lighting system in Antarctica, a frozen desert where temperatures range from 14°C (58°F) to -89°C (-126°F), is no mean feat. So when the US Navy needed to build an approach system for the ice runways at McMurdo Bay and at the research post at the South Pole, they turned to us to overcome the long list of environment and logistics challenges. Our expertise as a major supplier to the FAA of Approach Lighting Systems (MALS, MALSR, MALSF, ALSF) for over five decades along with the development and production of the US Air Force Emergency Airfield Lighting Systems (EALS) made us a perfect fit for the task at hand.



MEXICO: Mexico City Santa Lucía Airport goes state-of-the-art with the help of OCEM

Mexico City Santa Lucía Airport selects OCEM Airfield solutions in a multi-million euro deal. The airport commissioned OCEM Airfield with the assignment to deliver all their LED lighting and power solution needs for their in 2021 constructed three new runways for the Mexico City Santa Lucía Airport.

OCEM Airfield has supplied more than 14,000 lights for all 3 runways and the associated taxiways as well as around 200 CCRs, principally the DIAM42s IGBT units. The choice for OCEM was clear, the answer to the tender matched perfectly the airport's expectations in terms of products and the technical requirements as well as the overall approach to the needs of the airport.

Besides the delivery of all products, OCEM supported the airport with the training of the airport employees on the products & solutions.



AFRICA: Upgrading Cairo International Airport to LED lighting

Africa's second busiest airport, Cairo International Airport entrusted OCEM with a turnkey project to transition its central runway and the taxiways that connect to the runway to LED lighting. This particular runway is the airport's busiest and operates in CAT III. We managed all phases from design to installation and delivered the project on time, within budget and guaranteeing the highest quality and safety critical maintenance. The airport is now primed to expand its position further in the region.



EUROPE: Successfully serving Rome's Fiumicino International Airport

As one of Europe's busiest airports by passenger traffic, the Rome–Fiumicino International Airport is the major airport in Italy. We have been closely associated with the airport for many years now - some of our projects include upgrade of its taxiways and runways and transitioning the entire renovated runway to LED lights. We have an ongoing comprehensive maintenance contract of some of the most critical power infrastructures that has been running for many years to the customer's full satisfaction.



ETHIOPIA: LED Airfield Ground Lighting upgrade for Semera Airport in Ethiopia

OCEM Airfield has been commissioned to support the upgrade of Semera Airport in Ethiopia. The airport is located in Semera, a city in the Afar Region in north eastern Ethiopia and supports the operations of Ethiopian Airlines in the region. Ethiopian Airlines is also the contractor in charge of the airport upgrade. As part of the agreement OCEM Airfield has delivered all services from design to installation and from commissioning to on-site training. It's part of OCEM Airfield focus to deliver turnkey projects and further expand its fast growing Airfield Ground Lighting business. OCEM Airfield has delivered all its latest generation LED approach, runway and taxiway lighting including all apron lighting solutions, energy efficient regulators, accessories and the airfield ground lighting management system. This contract marks yet another important win for OCEM Airfield in Africa, a key supplier to African and global airports for the past decades. Ethiopian Airlines is Africa's largest airline in terms of passengers carried, destinations served, fleet size, and revenue. Ethiopian is also the world's fourth-largest airline by the number of countries served.



VIETNAM: Dien Bien Airport in the north of Vietnam has undergone an important expansion and upgrade

The project included a new runway, taxiway and an apron as well as a new passenger terminal. OCEM Airfield was contracted to supply all the latest generation LED Airfield Ground Lighting including all runway, taxiway and apron lighting. OCEM Airfield also delivered the Airfield Ground Lighting Management System (ALCMS), its energy efficient power solutions to power up the airfield as well as all accessories needed.

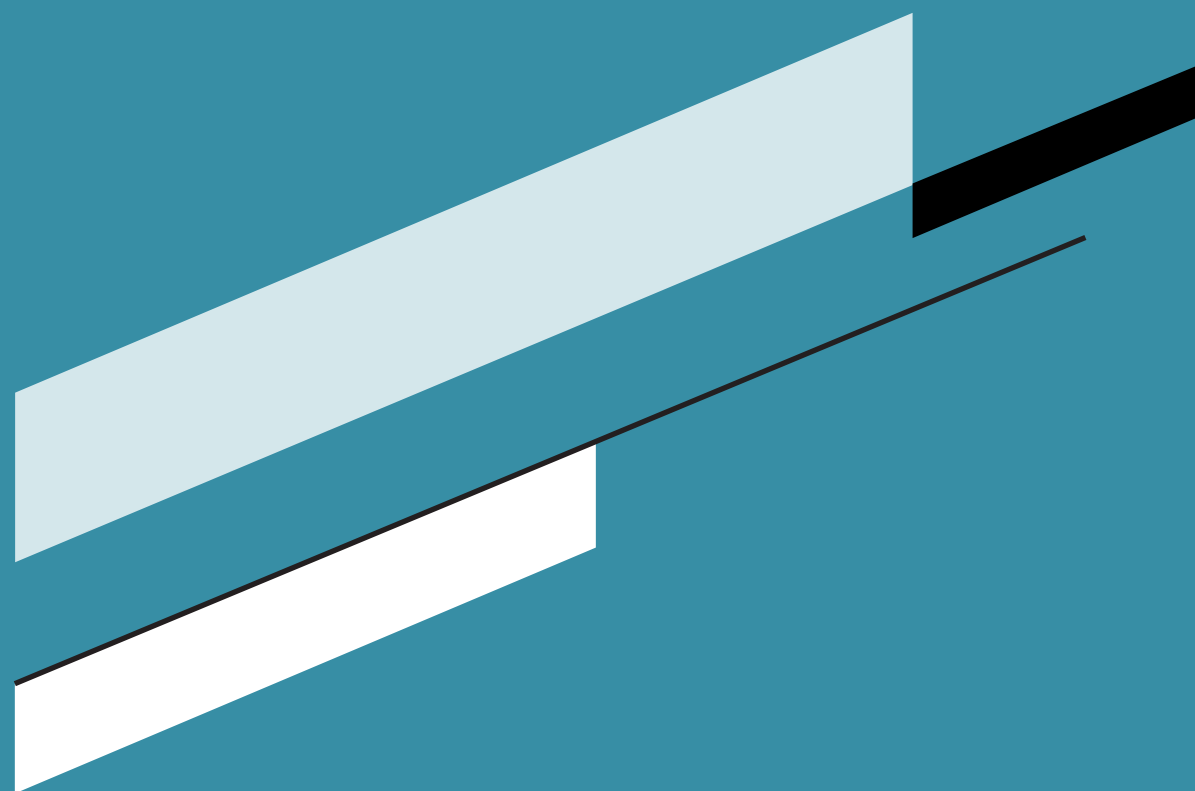
Work at the airport was led by the Airports Corporation of Vietnam (ACV), the airport will be able to handle bigger aircrafts like the Airbus A320 and A321.

The capacity of the airport has also been increased to fit 500,000 passengers.

Of the six northwestern border provinces, only Dien Bien has an airport, which is strategically located for national defense and security purposes, as well as local and regional economic development.

This contract is yet another important milestone for OCEM Airfield in the region and in particular Vietnam.





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