



# SAFETY HIGHLIGHTS.

EMERGENCY AND SAFETY LIGHTING BY RP-TECHNIK

# RP-TECHNIK CREATES SAFETY. THROUGH INNOVATION, QUALITY AND SERVICE.

It is hard to imagine modern public and commercial buildings without products and solutions from RP-Technik. Our innovative emergency and safety lighting has been securing the highest level of safety in buildings for more than 35 years. What began in a small barn in Rodgau near Frankfurt am Main is now a mid-sized company with global operations that is managed by its founders Reinald and Roland Pasedag. Beside lights and emergency

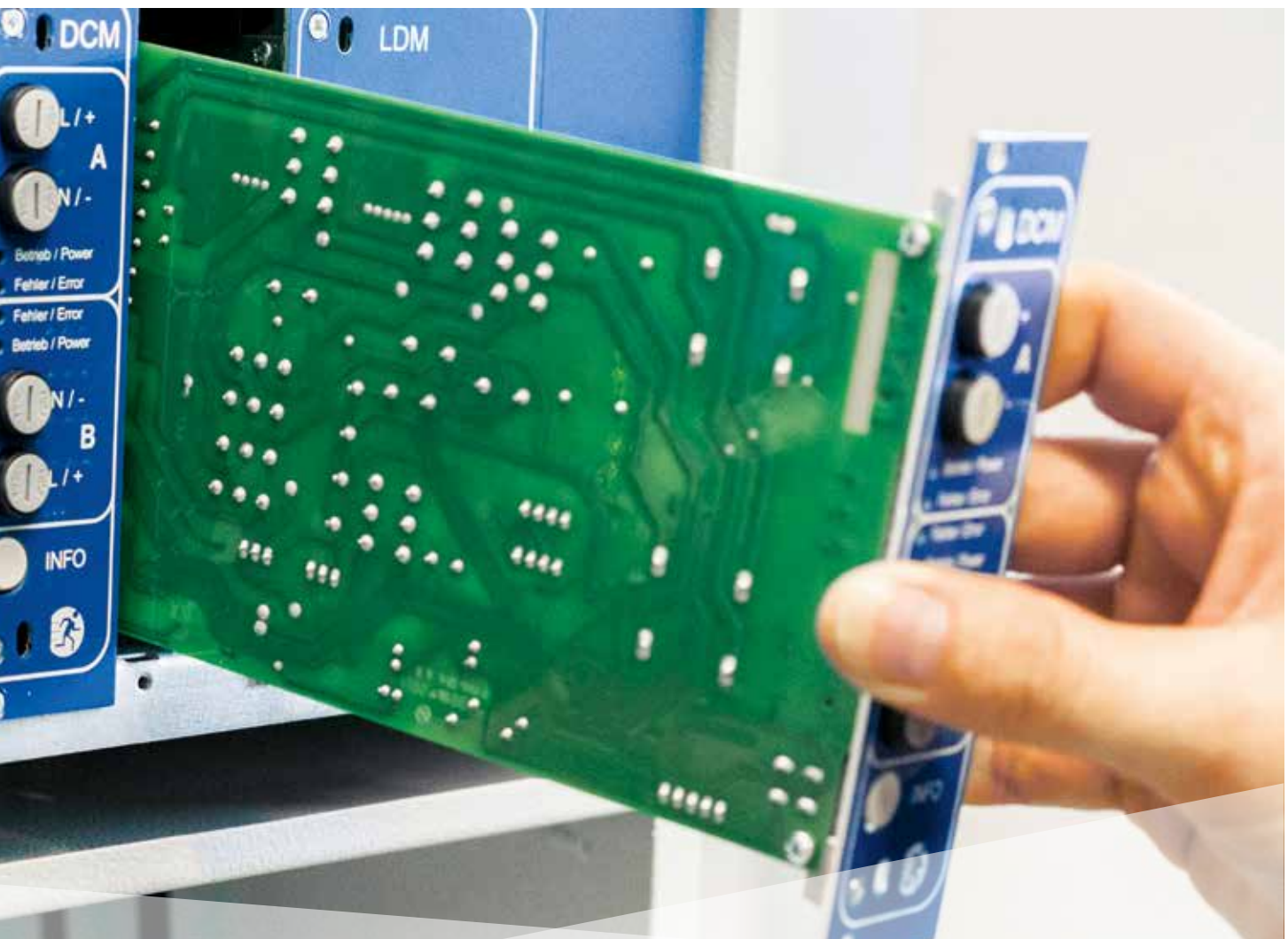
power systems, our product portfolio also includes a wide range of products for general lighting with intelligent control technologies, as well as a large number of different batteries for numerous applications.

The RP Group today employs more than 270 people at two production sites, as well as further distribution locations at home and abroad with over 10,000 m<sup>2</sup>



of production space, and is one of Germany's leading manufacturers of emergency lighting systems. Around half of what we produce is destined for the export market. As we do not accept any compromises in terms of the performance and quality of our products, we develop and produce our emergency and safety lights, as well as power supply installations exclusively in Germany.

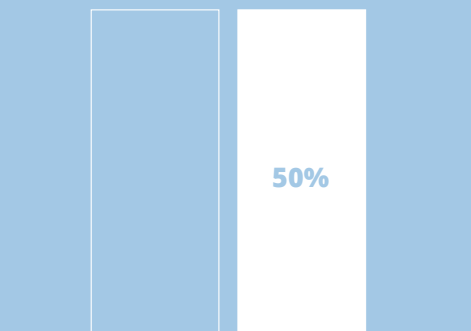
Our customers really appreciate our innovative spirit, high degree of flexibility and service focus, which ensure that even ambitious projects are completed in a quick, secure and customer-friendly manner. Our internal quality assurance system and various certifications – such as ISO 9001 and ENEC – guarantee that our products meet the strictest requirements in terms of reliability, quality and safety.



*Our microControl plus, miniControl plus (XL), and midiControl plus systems are type-approved by TÜV Rheinland.*

# 270

EMPLOYEES



50 % EXPORT QUOTA



NO. 1 IN INNOVATIONS  
IN THE EMERGENCY  
LIGHTING SECTOR

**10,000**  
M<sup>2</sup> OF PRODUCTION AREA



**5 TIMES**  
CERTIFIED QUALITY

MORE THAN  
**20**  
PATENTS HELD



**EUR 51 MILLION**  
SALES REVENUE IN 2019

PRODUCTION LOCATIONS  
in Rodgau and Saalfeld/Saale

**2**

MADE IN GERMANY



MADE IN GERMANY

# PIONEERING IN EVERY RESPECT. EMERGENCY AND SAFETY LIGHTING BY RP-TECHNIK.



reddot design award  
winner 2016



*The high-grade OLED escape sign lights  
from RP-Technik.*

For RP-Technik, it all started with emergency and safety lighting. Today, we are one of the largest German providers in the field of emergency lighting – and the leading innovator in our sector. We were quick to recognize the massive potential of white LEDs when they were introduced to the market and were the first provider to offer emergency lights with LED technology. We are now setting a new direction with high-grade OLED design lighting, lights for dynamic escape route control and convenient wireless monitoring systems.

Our in-house development department develops modern modular systems for a wide range of requirements, which can be conveniently configured and maintained via a network. As a system supplier, we can therefore cover all your emergency and safety lighting needs and provide you with a powerful full-service package from a single source – ranging from manufacturing, configuration and sales, all the way up to service and training of planners, architects, electricians, and customers.

## EMERGENCY AND SAFETY LIGHTING

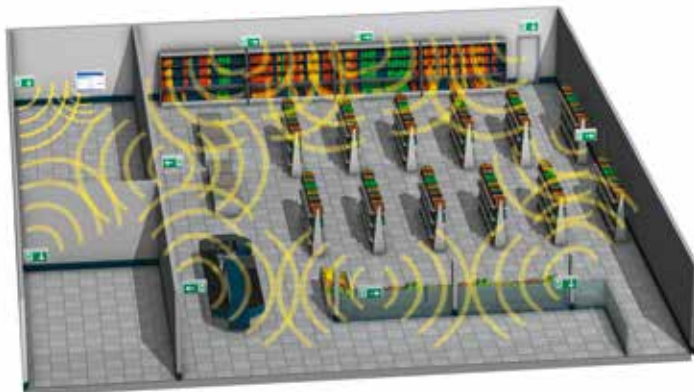


*Our escape sign and escape route lights are available in various designs – to meet your specific requirements.*

## COMPLETE AND NETWORKED SYSTEM SOLUTIONS



*Whether individual batteries, wireless monitoring and control systems, locally or centrally supplied complete systems for over 50,000 lights, we offer solutions from a single source.*







*Innovative emergency lighting requires professional further training. Our training courses are tailored to the requirements of planners, architects, electricians, users, and electrical wholesalers.*

# WHEN IT REALLY COUNTS, MAKE SURE YOU GET YOUR POWER FROM US. BATTERIES FROM RP-TECHNIK.

We make no compromises when it comes to emergency and safety lighting. So we also decided to bring power supply production in-house. With the production of power supply systems, lead-acid batteries became an important part of our daily business – and a mainstay of RP-Technik.

The RPOWER® range of batteries we developed is perfectly matched to the strict requirements of emergency power supply applications. The batteries excel through their excellent quality, engineered in Germany. With various series for a large number of applications, we offer you reliable, tailored solutions for your individual requirements.

Our new warehouse is among the largest in Europe and supplies within 24 to 48 hours high-grade batteries for emergency lighting systems and uninterruptible power supplies. Our batteries

are also used in mobile devices, alarm systems, solar applications, rehabilitation equipment, vending machines and many other fields, such as caravans, motorboats and golf carts.

In addition to this, many of our escape sign lights employ state-of-the-art lithium-ion rechargeable batteries. This doubles their service life, while reliably guaranteeing both safety and protection.

We also have a future-oriented solution in our range for monitoring batteries. Our battery monitoring system BAT-LOGG® guarantees the fully automatic, complete monitoring of the batteries of uninterruptible power supply systems. This increases the safety and reliability of UPS systems and at the same time reduces maintenance effort and costs.



*Whether Standard, Premium or Long-Life range: RPOWER® batteries excel through zero-maintenance, a long service life and a high degree of reliability.*



# LIGHTING BECOMES INTELLIGENT. THANKS TO **CASAMBI INSIDE**.

Compact design, high light output with low power consumption, no toxic chemicals, no flickering, no UV or IR radiation: RP-Technik offers LED-based safety and escape sign lights that are considered pioneering worldwide. But the LED is capable of so much more. With iLED® by RP, we therefore offer a dedicated range of advanced LED lights for the general lighting market.

Among other things, our portfolio encompasses LED panels, spotlights, tube lights, as well as ceiling lights with energy-saving, long-life LED technology. The units leave nothing to be desired in terms of design and customizability of the light.

For building equipment with general lighting, we offer LED luminaires and devices combined with the intelligent lighting control system CASAMBI® as a package solution CASAMBI® Inside. Using the CASAMBI® module and the corresponding CASAMBI® app, you can control up to 250 luminaires and devices at once via Smartphone, Tablet or Smartwatch and define parameters such as brightness and colour for each luminaire or luminaire group.

Whether fluorescent lamps, high-voltage halogen luminaires (230 V) or different LED lighting solutions, luminaires can be implemented quickly and easily into the lighting control system or existing lighting scenes with the CASAMBI® app. Complete lighting scenes can be switched automatically by means of a timer.

Thanks to the intelligent CASAMBI® control, savings of up to 90 percent in operating costs are possible in practice compared to conventional lighting concepts. Further advantages: No central unit required, each module is transmitter and receiver

at the same time; radio range 30-50 m; no additional cabling required, therefore ideal for retrofitting.

We are continuously expanding our available portfolio of CASAMBI® products with in-house developments such as CASA BULB, CASA ROLLO and the new PWM5 module. Due to its 5 channels, the module provides real flicker-free operation down to low dimming levels. In addition, for the first time, the infinitely variable adjustment of RGB and CCT is now possible with only one module.



*CASAMBI module  
for lighting control*



*Casa Rollo module for  
control of shutters*



*CASA BULB*



*Intelligent light thanks to self installing MESH-network with endless reach. Simply controlled by the CASAMBI-App.*

**OUR LOCATION  
IS A STANDPOINT.  
RP-TECHNIK DEVELOPS  
AND MANUFACTURES ITS  
PRODUCTS IN GERMANY.**





# MADE IN GERMANY – FOR DISCERNING CUSTOMERS ACROSS THE GLOBE.

Design and functionality, ease-of-use and energy efficiency, reliability and durability – products from RP-Technik meet a very wide range of requirements. We therefore leave nothing to chance in development and production. Our products are engineered and made in Germany.

Our ultra-modern, TÜV-certified lighting laboratory with photo goniometer and our darkroom are not only used to create innovative products. We also test the photometric data here, which we then make available to our customers in the form of light curves. Every single product – no matter whether emergency or general lighting – passes through a strict quality control before leaving our facility. Compliance with the relevant standards is also a matter of course for us. Our origins in the field of emergency lighting can be seen here, as reliability and quality are the top priorities.

Our production facility in Saalfeld is also subject to strict quality controls and is certified by TÜV SÜD. We already test the individual components of each power supply system during production. Equipped with RPOWER® batteries, the finished systems are then subjected to a 24-hour endurance test at the facility before being released for delivery.

Besides the technology, we also design our products in-house. When developing and implementing designs, our focus is on functionality, quality, as well as a modern look that will survive short-lived trends. Numerous design awards underline the fact that we are on the right track. For example, RP-Technik was presented with the German Design Award and reddot design award in 2016 for the design of the OLED escape sign lights. Our A-series lights also recently won the German Design Award 2018.







*Award-winning: the in-house design from RP-Technik.*



*Comprehensive quality tests ensure the high quality and reliability of our products.*

## A SELECTION OF OUR REFERENCES



**Mazaya Residence in Dubai** For ultimate safety: complete equipment with 1,200 emergency lights, secured by a power supply installation with battery back-up.



**Deira Water Front Market in Dubai** Complete equipment of the fish market with 2,000 emergency lights. Back-up is provided by a battery-supported power supply installation.



**Mercedes Benz branch in Saalfeld (Germany)** Brilliant light quality in all areas with significantly lower operating costs: The amortization period for our iLED® concept at Auto Müller is only three years.



**McDonald's branches in Europe** LED ceiling panels from RP-Technik provide attractive lighting with a high degree of reliability and low operating costs at various McDonald's branches throughout Europe.



**RP-Group warehouse in Rodgau (Germany)** Optimum lighting with 90% energy savings: the lighting in the RP-Technik battery warehouse is controlled fully automatically via CASAMBI using a bluetooth connection. This step allowed the energy consumption to be reduced from 12,000 W to just 1,100 W.

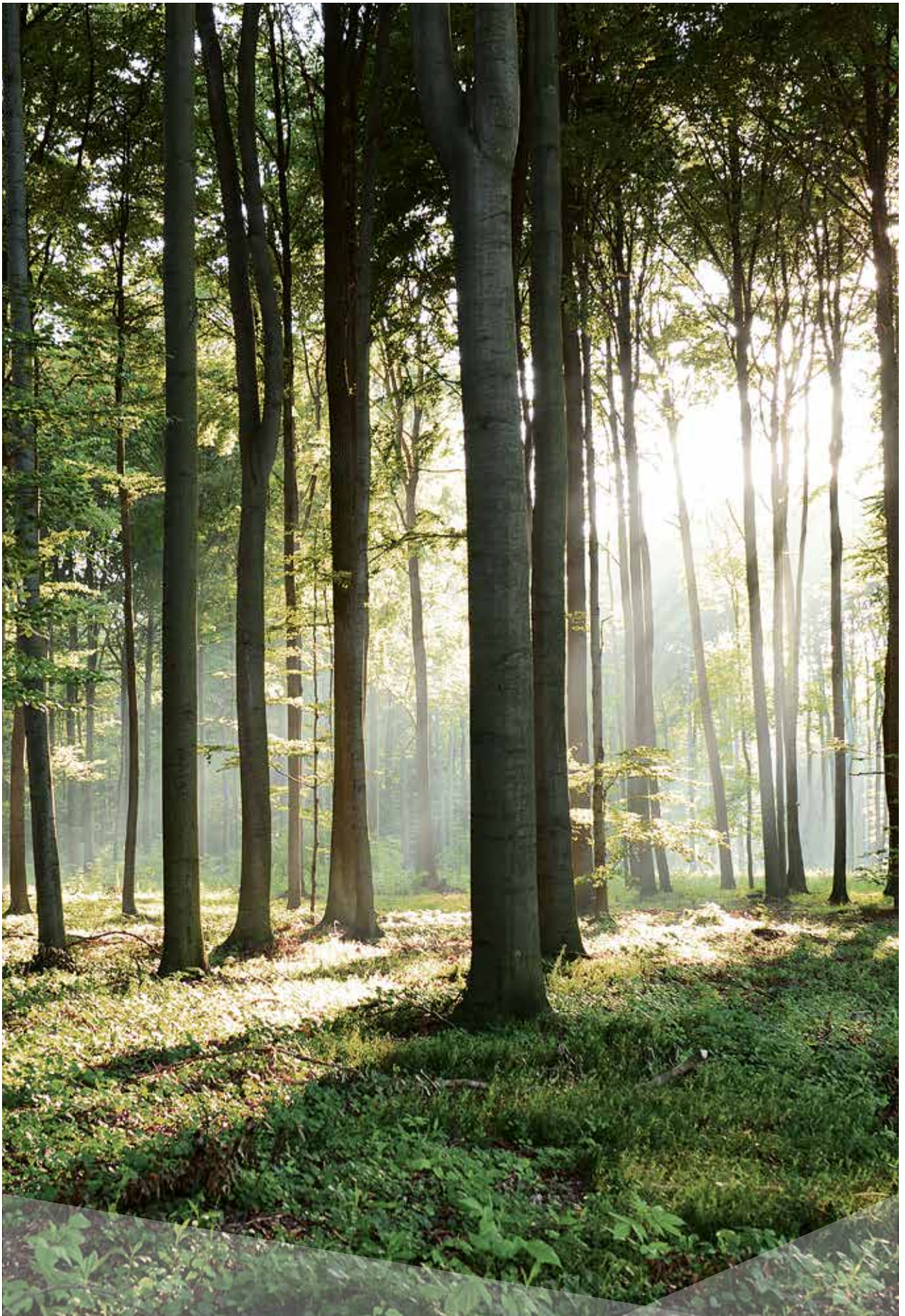
# WE MAXIMIZE SAFETY. ALSO FOR THE ENVIRONMENT.

Safety should not unnecessarily burden the environment. With this conviction, we have been working for many years on continuously improving the environmental friendliness of our products. When developing our safety and escape sign lights, we therefore consistently employ energy-saving technologies. Our production operations also use environmentally-friendly, recyclable materials.

The plastics and metals we use can be fully recycled and do not require costly special disposal. We also use only low-pollution NiMH and LiFePO4 batteries in our single-battery luminaires. Beside the positive effect for the environment, the LiFePO4 rechargeable battery also excels through its greater energy density, the better performance associated with this, and a longer service life.

Energy-saving, and thereby also cost-saving, LED technology is used in our escape sign lights. This not only guarantees more even illumination than fluorescent tubes, but also a greater range of illumination. Focused ERT LEDs facilitate a lighting distance of up to 30 meters for safety lights. Conventional 8W CFL tubes can only achieve a maximum distance of 11 meters here. With our solutions, significantly fewer safety lights are required per building to secure standard-compliant lighting of emergency escape routes. ERT LEDs also offer savings in more than just one respect. Fewer lights mean fewer installations, less maintenance, lower costs – and lower energy consumption. Our lights therefore represent truly green solutions, which are not only kind to the environment, but also your budget.





# FROM A BARNYARD WORKSHOP TO A LEADING INNOVATOR. THE HISTORY OF RP-TECHNIK.



The owners Roland and Reinald Pasedag with CEO Andreas Hainz in the middle.



2009 Completion of the new building, increasing the production area from 2,000 to 5,500 m<sup>2</sup>. RP-Technik employees 125 people in Rodgau.



2001 Complete takeover of the production facility for systems in Unterwellenborn (Thüringen, Germany). Export of RP lights startet.

1995 Construction of a new production hall (1,000 m<sup>2</sup>) in Rodgau.  
1998 First emergency lights with LED technology available shortly after market launch of white LEDs.

2004 Addition of two new storeys to the single-storey company building in Rodgau.

1981 The company RP-Technik is founded in a small barn in Rodgau.





reddot design award  
winner 2016

2016 Relocation from ROPAG to a new building in Rodgau with expansion of the office, sales, and warehouse space. German Design Award, reddot design award.



2015 Start of the planner events for construction and electrical system planners, as well as architects. Certification of the lighting laboratory by TÜV Rheinland.



2019 Introduction of battery monitoring for UPS systems BATT LOGG®. Major order from the UAE region.

2010 Purchase and occupation of a further building with 5,000 m<sup>2</sup> of floor space in Saalfeld for the production of systems.



2018 A large number of products have been certified by TÜV Rheinlan. Product certifications for Poland and UAE. Sales offices opened in the UK and Poland.



2011 Expansion of the battery warehouse with establishment of a logistics center for battery dispatch.

2012 Introduction of iLED® by RP, a product range produced exclusively with LEDs. Start of expansion in the Middle East.



2017 Expansion of the logistics center in Rodgau to 3,500 m<sup>2</sup> of warehouse space. Company certifications to ISO, OHSAS. Product certifications to ENEC 24. German Design Award 2018.



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