

**IMAGINE AN INTEGRATED  
LIGHTING SYSTEM  
WITH FUTURE PROOF  
TECHNOLOGY...**

---

**...THAT JUST WORKS**

---



**INTEGRATED  
SYSTEM  
TECHNOLOGIES**



**we assess**



**we design**



**we innovate**



**we manufacture**



**we install**



**we commission**

**LED LIGHTING SYSTEMS**

# LED LUMINAIRES DON'T FAIL DRIVERS DO.

---

We all know that LEDs were supposed to be the great panacea that would solve all commercial lighting and energy consumption problems. We also know that unicorns aren't real, the Earth isn't flat and that we are subjected to fake news sometimes.

But in the real world, lighting problems can't be solved by simply changing the luminaires; it needs a whole lot more. The solution to commercial lighting is about using intelligence and world class specialists recognised in their field, with cutting edge driver technology and controls combined together in one unified and converged system.

**In short, you need a combination of the right people, with the right knowledge and the right equipment all working in harmony to deliver really groundbreaking commercial lighting.**

01

CAN INSTALLING  
AN IST LIGHTING



SYSTEM  
SAVE ON YOUR  
MAINTENANCE  
COSTS?

---

**YES.**

IST's system is designed to reduce maintenance to a minimum. A safe, low voltage power solution removes the traditional need for the LED drivers to be installed in close proximity to the luminaires. Therefore, driver and controller maintenance is centralised in easy-to-access service areas meaning less time, less travel and less cost to maintain.

02

CAN IST LIGHTING SYSTEMS  
INSTANTLY SWITCH TO

# EMERGENCY LIGHTING

IF THE POWER IS LOST?

---

**YES.**

IST's system provides a robust, low voltage emergency lighting solution to ensure any building is safe when the power is lost.

In addition, a smart evacuation lighting solution automatically sequences luminaires to provide a guiding path towards emergency exits, much like on a modern aeroplane. The pre-programmed evacuation solution is designed to reduce panic and improve safety in the event of an emergency.

03

# CAN AN IST LIGHTING SYSTEM

BE POWERED THROUGH

# EXISTING

# ETHERNET CABLING?



---

# YES.

Everyone is familiar with Ethernet cabling running data around offices at amazing speeds. IST's lighting

system can now be powered through that very same cabling. CAT 6 cabling is sufficient for most lighting but the current industry standard, CAT 6a cabling can supply an impressive 100W of power, data and control functions to the lighting.

04

CAN IST  
LIGHTING

**SYSTEMS  
PRODUCE  
USEFUL  
ANALYTICAL  
REPORTS?**



**YES.**

Statistical data is everywhere. There are a myriad of facts available at our fingertips but often the most salient and important information is hidden within the data overload.

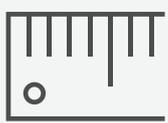
IST systems offer real world information in a digestible format. You won't be bombarded with quantity, rather quality business information you will actually find useful.

**05** CAN THEY  
REDUCE THE  
**FIRE RISK**  
OF A BUILDING?

**YES.** 

**06** CAN THEY  
DELIVER TRULY  
**FLICKER-FREE**  
**LIGHTING?**

 **YES.**

**07** CAN THE  
DRIVERS  
**BE INSTALLED**  
**300M**  
FROM THE  
LIGHTS? 

**YES.**

**08** CAN THEY  
**REDUCE**  
**THE COST OF**  
**INSTALLATION?**

**YES.**  

**SO, DOES THIS SOUND INTERESTING?**

---

**YES.**

# BUT THAT'S NOT ALL IST HAS TO OFFER



We are true innovators of LED lighting systems and Ethernet-based building controls.



Our systems help our clients maintain a competitive edge through continual innovation.



We have a growing portfolio of worldwide patents across a unique suite of products.



We offer access to a trusted global network of distributors and installers.



We have 20 years of experience in delivering numerous high profile projects across Europe, the Middle East and Asia.



We provide Smart Lighting Solutions for a wide range of markets from commercial, retail, entertainment, hospitality and high end residential.

# REAL WORLD CHALLENGES WHICH HAVE BEEN

# SOLVED



# WITH THE HELP OF IST SYSTEMS

“ There is always pressure to reduce energy consumption, without compromising on maintenance costs. I need peace of mind that the emergency lighting is totally robust and that maintained lights can be run from a controlled location. IST's lighting system ticks all of those boxes with the additional advantage of being able to commission, control and maintain the entire lighting scheme from an easily accessible service area, which means a significant reduction in downtime ”

---

FACILITIES MANAGER

“ In our industry, exceptionally smooth, step-less dimming along with subtle, uniform shifts in colour are vital, not to mention a totally reliable emergency system. IST's drivers easily provide the best quality dimming on the market and the fact that the lights can be powered from rack cabinets in five locations across the theatre offers us a major maintenance advantage. We have been so satisfied with the lighting, that we have invited other theatre managers here to demonstrate in person the superior dimming and control of the IST system. ”

---

THEATRE MANAGER

“ Facing with the potentially hazardous and very costly challenge of installing power supplies 20m above a marble floor (not to mention the headache of future maintenance of the installation), I was delighted to find a centralised power supply capable of powering multiple luminaires in the high ceiling from a central point at ground level, meaning easy access for commissioning and any future maintenance! ”

---

RETAIL CENTRE MANAGER

“ Offering employees personalised workplaces where lighting intensity and colour can be tuned according to individual preferences helps establish a healthier, happier and ultimately more productive work environment. Health concerns are significantly reduced thanks to IST's patented flicker-free technology and the risk of headaches and other potential harmful side effects from poor lighting are a thing of the past. ”

---

OFFICE MANAGER

CONFERENCE

CASE STUDY 1

# ACV CONFERENCE & EXHIBITION CENTRE

An immense space to illuminate for a huge amount of events all needing different light, from dark and moody, through to vibrant colour changing walls. A landmark project for IST, which has won international praise for its technical innovation.

**Location:**  
Vienna, Austria

**Products**  
80 iDrive® White Knight 36  
14 x iDrive® Thor 36

**Lighting Design:**  
podpod design

Image ©  
Friedrich Michael Jansenberger



COMMERCIAL

CASE STUDY 2

# CITIZEN WATCH

MANUFACTURING CO. LTD  
HEADQUARTERS

Create a rainfall of glittering gold watch part. This was the aim of Citizen's designers in their global headquarters in Japan. Clinical lines, clean white design and cutting edge driver connections made the designer's dream a reality.

**Location:**

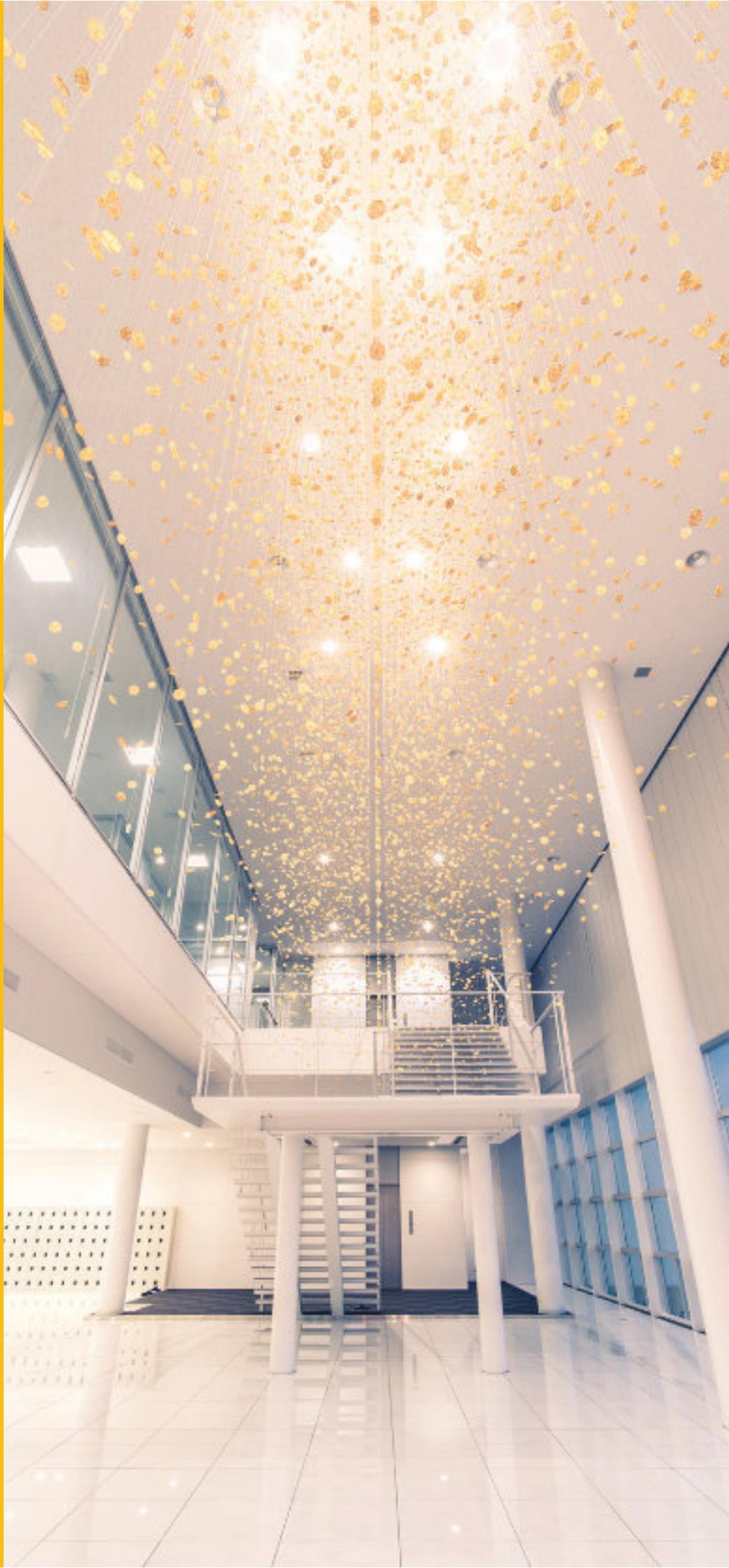
Saku, Nagano, Japan

**Products**

iDrive® White Knight 36

**Architect &  
Installation Design:**  
Atelier Tsuyoshi Tane

Image © LUFTZUG,  
Yutaka Endo





LEISURE

### CASE STUDY 3

# THEATRE ROYAL

Sympathetically combined modern lighting with programmable colours, power and intensity all in an almost invisible infrastructure to harmonise with this grand listed building.

**Location:**  
Newcastle upon  
Tyne, UK

**Products**  
27 x iDrive® Force 24



RETAIL

CASE STUDY 4

# 'CEILING OF LIGHT'

VICTORIA GATE SHOPPING CENTRE

“Create a feeling of the outside light coming in”: the task set to make the ceiling into an ever changing endless combination of light, colour and intensity.

**Location:**  
Leeds, UK

**Products:**  
22 x iDrive® Tho 36

# SO. ■ ■ ■

LET'S TALK ABOUT YOUR

# CHALLENGES

AND FIND THE RIGHT SOLUTION,

# JUST FOR YOU

---



**INTEGRATED  
SYSTEM  
TECHNOLOGIES**



Imagine an integrated lighting system  
with future proof technology...  
... that just works



INTEGRATED  
SYSTEM  
TECHNOLOGIES

Available from



**iDACS**  
WORKING SMARTER

iDAC Solutions Ltd  
Unit B Omega Enterprise Park  
Electron Way, Chandlers Ford  
Eastleigh, Hampshire, SO53 4SE

+44 2380 279 999  
info@idacs.uk.com  
www.idacs.uk.com