# MAKING COMPLEX WORKPLACES SMART
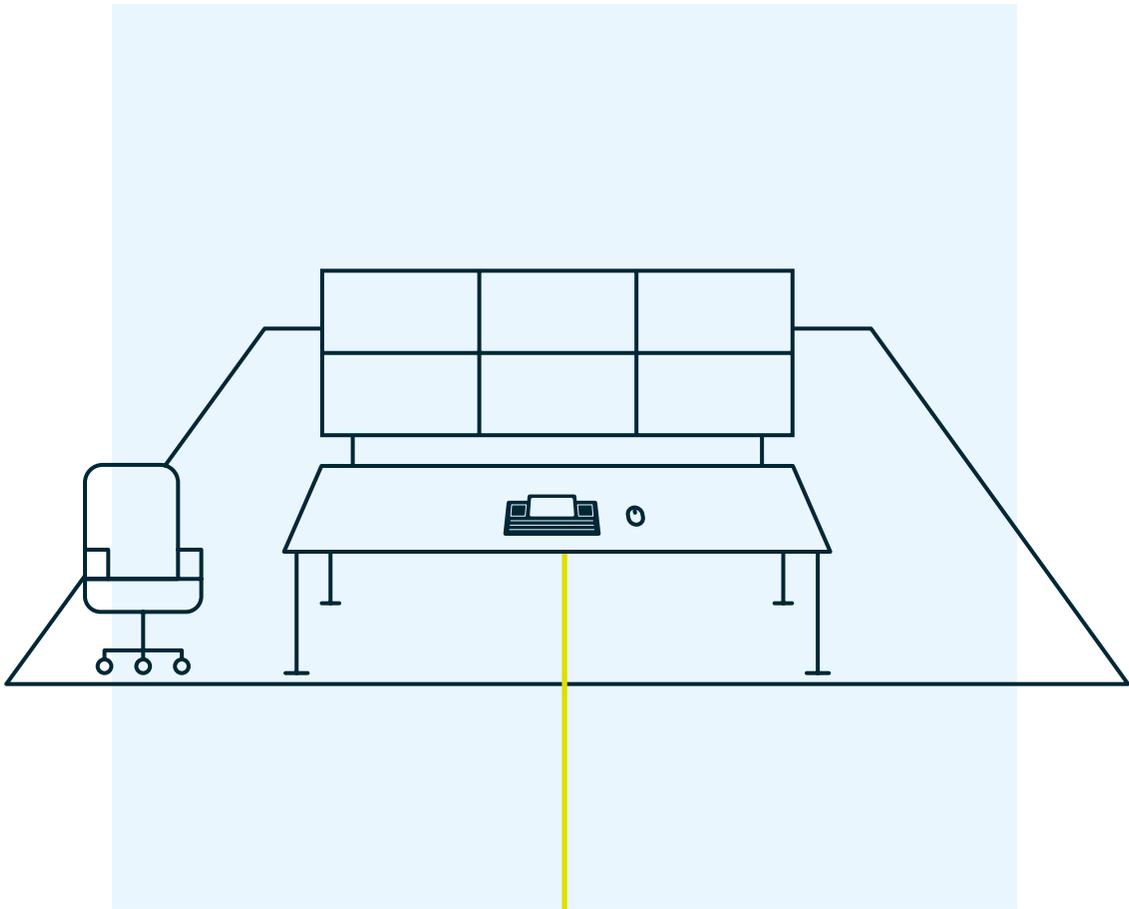
WEYTEC distributionPLATFORM

# Content

# SMART MULTI-SCREEN WORKPLACES.

# ONE KEYBOARD.
# ONE MOUSE.
# ANY NUMBER OF SCREENS.
# NOT A SINGLE PC IN THE ROOM …

The WEYTEC distributionPLATFORM is a turnkey solution that provides users with real-time access to all their systems. The distributionPLATFORM connects people and their information sources in the workspace.

## THIS IS SMART:

**High performance workplaces** at uncluttered, well-organized desks: the PCs are housed in a separate system room.

**Latency-free access** to all your information: for more speed, security and productivity.

**Complete control** over all your systems.

**Networking in real-time:** just choose another desk or location in the event of change or crisis.

**Absolute freedom and security:** the hardware-based solution is independent of other software and hardware platforms, the Internet and your network.

**Optimal ergonomics:** workflows are optimized with only one keyboard and mouse – error rates go down and sick days decrease. The pleasure of working with high-tech is more than just nice-to-have.

# COMPLEX
# MULTI-SCREEN WORKPLACES?

**Sound familiar?**

- Operating multiple computers, keyboards and mice simultaneously
- All your computers are stored under your desk where they emit noise and heat
- Workflow processes are complex - increasing the risk of error

→ To the solution

**Maximum flexibility, efficiency
and security**

Executing one's full range of duties and tasks often requires the command and control of multiple IT systems. To name but a few; trading, control and alarm systems; communications, monitoring and surveillance platforms; and building management systems all have a role in today's working environments. The WEYTEC distributionPLATFORM is unique in the world. It is an IP-based KVM switch solution that enables the shared and simultaneous use of all sources, systems and content at any workplace of your choice. Our solution is completely autonomous: it is not connected to your business LAN or the Internet. This makes the WEYTEC distributionPLATFORM absolutely secure and extremely flexible. The modular design is completely adaptable to your requirements.

Leave the problem-prone workplaces of the 20th century behind. With the WEYTEC distributionPLATFORM you and your users will benefit from unique workplace advantages.

✔ Clearly arranged & well-organized
✔ Customized & functional
✔ Economical & cost-saving
✔ Safe & reliable
✔ State-of-the-art & sustainable

**Solution description**
Concept

# THE WEYTEC DISTRIBUTION PLATFORM MAKES COMPLEX WORKSPACES SMART.

## CENTRALIZED SERVER ROOMS WITH REMOTE PCS

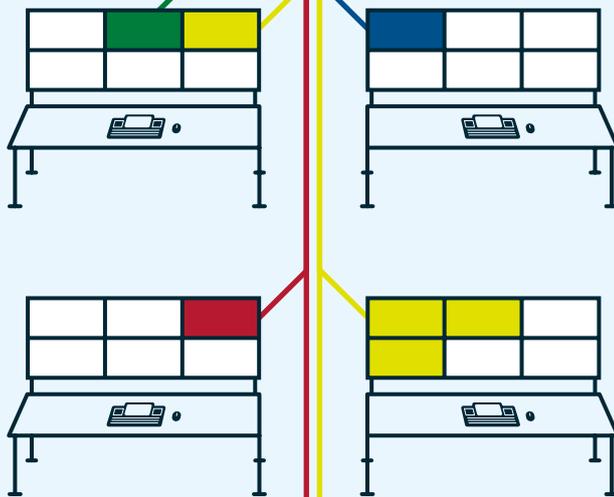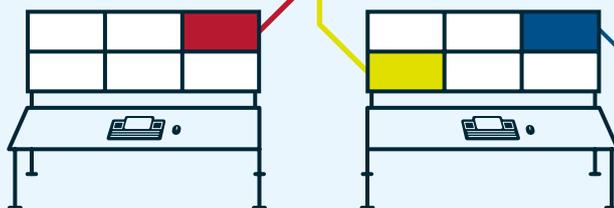## SWITCH

## LOCATION A

## LOCATION B

**Secure technical rooms house workplace PCs**

... to heighten security, simplify device management and enhanace comfort at the desk.

**Synchronous provision of information**

... sources can be simultaneously accessed from different desks .

**Flexible arrangement of the video signals**

... freely placeable and movable within a screen and across multiple displays.

**Well organized workplaces**

... with only one mouse and one multifunctional keyboard.

**Location independence**

... the system can be accessed at any time from different rooms, buildings and cities.

**Integration of freely selectable external systems**

... such as cameras, video walls, fingerprint readers and many more.

4

5

01

# EXCLUSIVE
# BENEFITS

# OPTIMAL! AND EFFICIENT.

1

## Smart quality that pays off every day

Our assertion: We support our customers with trading floor and control room solutions that help them achieve their efficiency, cost, process and modernization goals in an intelligent way.

It is important to us that your employees get used to their new working environment in no time at all and that the changeover to the WEYTEC distributionPLATFORM is executed without any operational downtimes. That is why we specialize in implementing the new solution without disrupting your day-to-day business. So you can start taking advantage of increased efficiencies even during the deployment phase.

### This makes business sense:

✔ Guaranteed final project pricing: No recalculations and full cost overview
✔ Guaranteed project completion based on years of experience
✔ Integration of the solution without intervention in your systems or interruption of ongoing business
✔ Simple and intuitive operation
✔ Clearly measurable ROI
✔ Enormous cost reductions thanks to ecological advantages

## Win-win for you and the environment

The WEYTEC distributionPLATFORM is a Green IT solution that enhances your staff's working efficiency and saves money.

Computers generate heat and noise - factors that are counterproductive in the workspace. With our solution, PCs are housed in a separate room, saving office space. The climate controlled, dust-free environment extends their service lifespans by around 50%, which significantly reduces your hardware replacement costs.

Now let's take a look at the desk: Each workspace is equipped with a compact chassis with power-saving receiver cards. Noise, heat and electrosmog emissions are substantially lowered, air conditioning systems can be switched off and health risks are minimized. WEYTEC workplaces reduce stress and create optimum working environments.

### This makes ecological sense:

✔ Significant savings in power consumption
✔ Effective reduction of noise, heat, dust and electrosmog emissions at the workplaces
✔ Prolonging the lifespan of hardware
✔ Economizing on hardware resources with multi-channeling
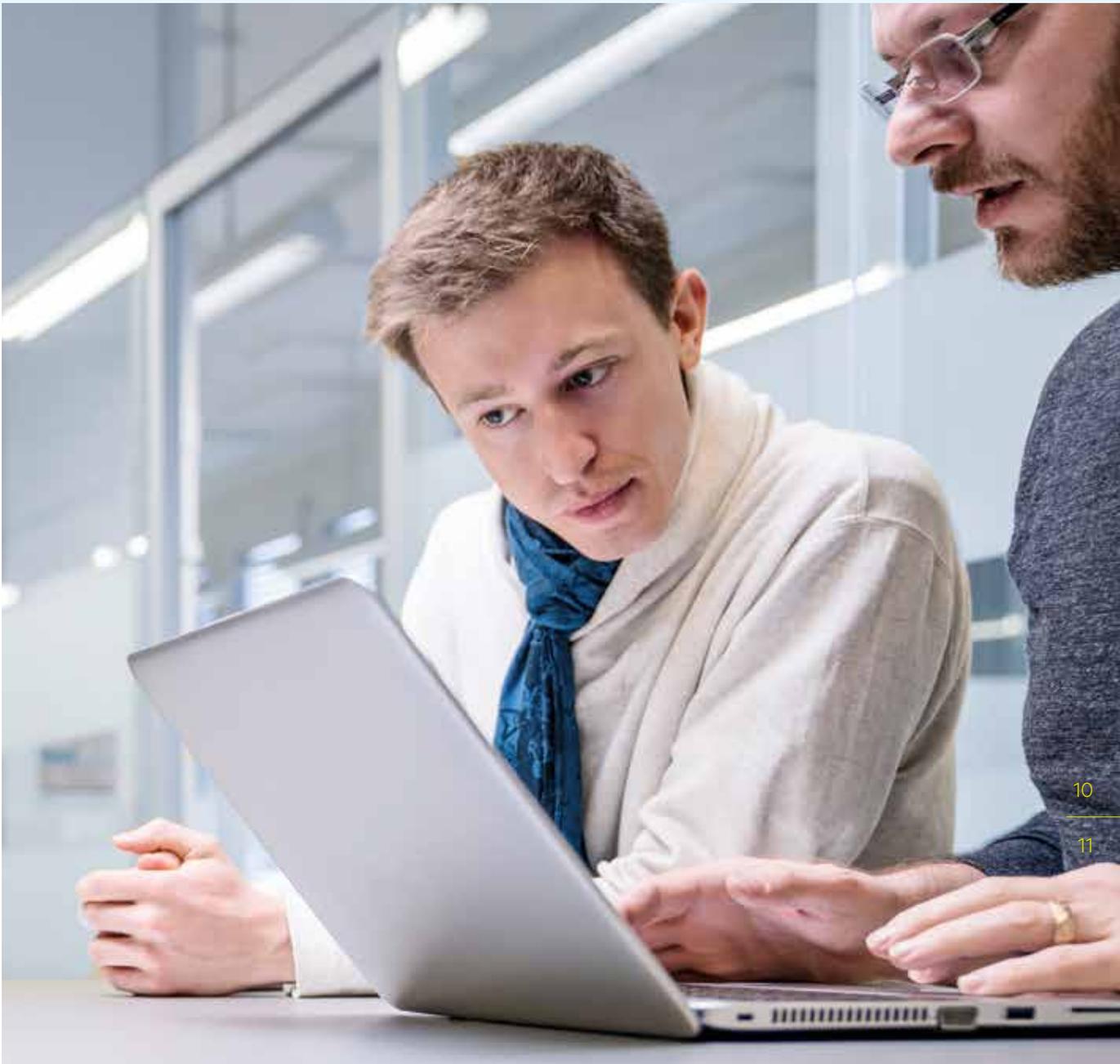✔ Optimization of cooling for maximum efficiency

## Technological advantages from A to Z

We provide you with state-of-the-art solutions that are future-proof, device agnostic and compatible with updates over several evolutionary stages. Not to forget the scalability of the workplaces, the simple expandability of the system and its platform-independent design - all great advantages in an age of rapidly developing digitalization.

With our ultraFLEX miniPCs you are assured of maximum computing power even when space is limited. The maintenance and servicing of your systems is fast, efficient and cost-effective in centralized and secure technical rooms. The WEYTEC distributionPLATFORM also eliminates costs for "cold" backup PCs. Rather, your IT staff can run different software versions in parallel, testing and deploying new versions or updates centrally and without risk.

### This makes technological sense:

✔ 100% PC performance with real-time access
✔ Independence from existing hardware, software and systems
✔ Optimal use of existing infrastructure
✔ Future proof thanks to system compatibility
✔ Efficient centralization of technology
✔ Low latency without an additional CPU load

"THE WEYTEC DISTRIBUTIONPLATFORM SUPERSEDES ALL OTHER REMOTE TECHNOLOGIES IN TERMS OF SPEED, COMPATIBILITY, REDUNDANCY AND TOTAL COSTS OF OWNERSHIP. VIRTUALIZATION CAN'T KEEP UP WHEN IT COMES TO COMPUTING POWER AND COMPATIBILITY WITH THE MYRIAD OF APPLICATIONS OUT THERE."

**Mario Merki**
Head of Field Engineering, WEYTEC

**Free-Seating Concept:**
**Your own familiar working environment - wherever you sit**

Any computer can be displayed on any screen or video wall. Specific user rights profiles ensure that access to sources and individual workplace setups are automatically available everywhere. The IP-based network concept overcomes distance and bandwidth limitations between the computers and desks. The installation can be extended beyond a single office and across multiple locations to facilitate full organizational freedom.



**Presets Configuration:**
**Everything is just a keystroke away**

Users control all their PCs and data sources with a single multifunctional keyboard, navigating intuitively between systems and screens. The smartTOUCH keyboard shows which system and screen are active. Workplace layouts, or the assignment of sources to screens can be defined individually and changed dynamically using the keyboard's touch screen.

**Your benefits**
so flexible.

**2**

# FLEXIBLE!
# AND INDIVIDUAL.

## In-house Production:
## The individual solution –
## tailor-made for your requirements

Standard systems for all customers, regardless of their industry? You would not be happy with that. We deliver a KVM solution that you get directly from us, the developer and manufacturer. We produce everything in-house and by ourselves - including the printed circuit boards. Our experience and production depth are at your service: WEYTEC solutions fit perfectly, like tailor-made suits. And if your size should change over time, we will adjust the components. The solution is fully scalable.

## True Channel Communication:
## Enhance existing systems –
## with new possibilities

Whether you use Unix, Linux, Windows or whatever, keep the technology you like working with. True Channel Communication means that every physical port on the PC (e.g. video, audio or USB) is transmitted via a separate data channel, and each channel can be switched and prioritized independently of each other.

"156 PEOPLE CHANGED THEIR DESKS WITHIN 24 HOURS. IT WAS A BIG TEST OF THE SYSTEM AND THE CONFIRMATION THAT WE REALLY HAVE FREE SEATING. AND IT ALL WENT VERY SMOOTHLY."

**Tony Centofanti**
Chief Operating Officer, Pictet Trading & Sales

# SECURE!
# AND DEPENDABLE. 3

**Your benefits**

So secure.

Security is paramount - especially in environments for banking, public safety, transportation and the public sector, where sensitive data and information is handled on a daily basis. As a long-standing supplier in these segments, we are aware of the challenges and face them with a deep sense of responsibility.

"OUR TEAM HAS AN ENORMOUS CHALLENGE TO ENSURE SAFETY AND OPERATIONS IN AN ENVIRONMENT LIKE JFK. WE ARE BLESSED TO WORK WITH PARTNERS LIKE WEYTEC WHO HELP US TO ACHIEVE THAT."
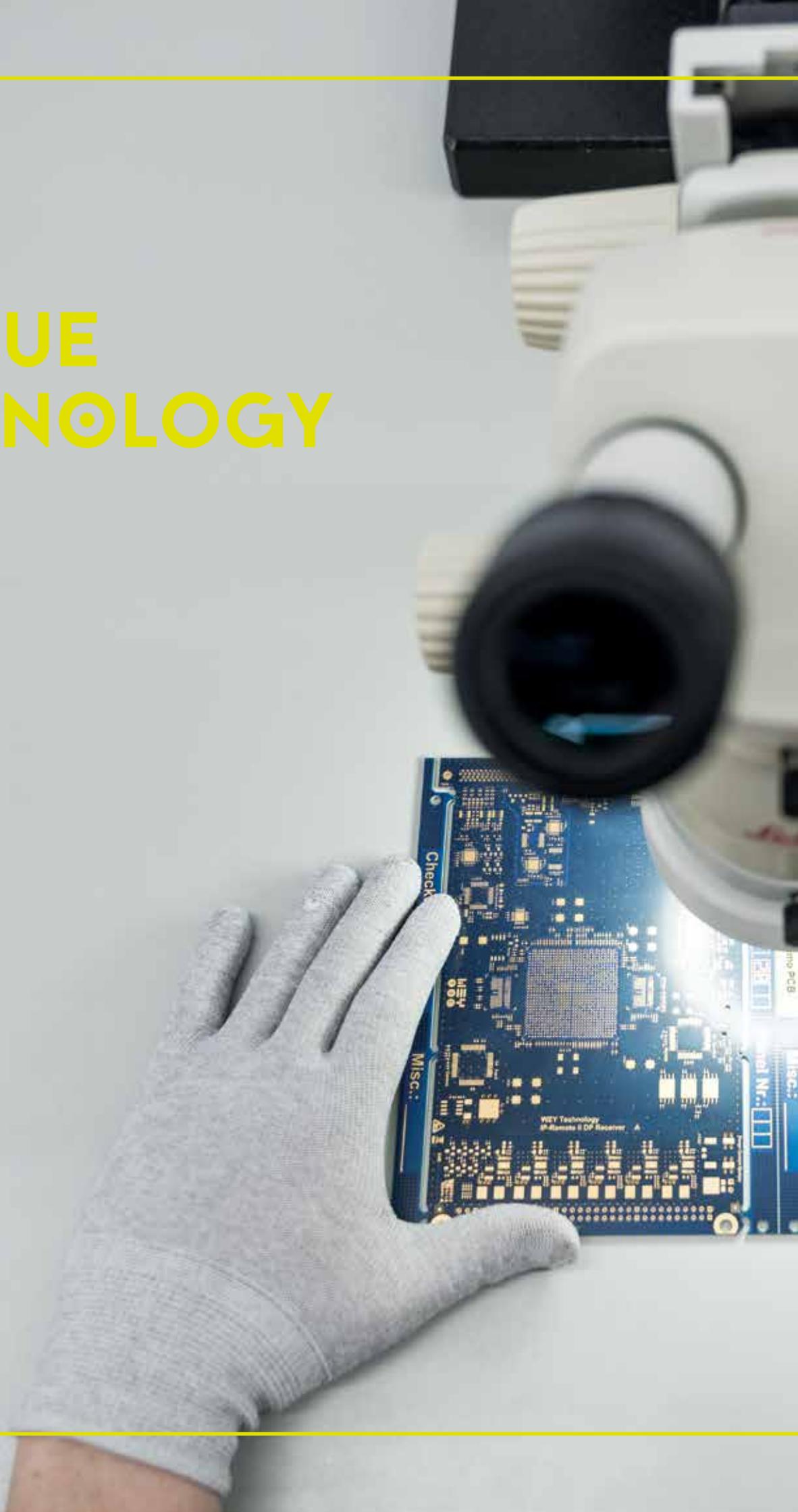
**Edward Paquette**

Executive Director Terminal One

JFK Airport , New York

✔ The WEYTEC distributionPLATFORM operates independently and transmits all the keyboard, video, mouse and audio interfaces without connection to your existing network or the Internet. The discreteness of the WEYTEC distributionPLATFORM network protects the integrity of your data.

✔ Centralizing computers in a protected system room prevents unauthorized access, tampering, theft or even access to USB ports. Your employees can access the sources in accordance with their user rights profiles.

✔ Our recording solutions capture and replay screen content, keyboard and mouse movements and audio at mission critical workplaces. The data is archived and can be reconstructed for quality control, regulatory, incident management or training purposes.

✔ In case of PC faults, logged-in users can be automatically switched to back up PCs - without the manual intervention of an adminstrator, which practically eliminates downtimes at the desk. If a system component error does occur, the WEYTEC distributionPLATFORM alarms the administrator so that it can be corrected immediately.

✔ The WEYTEC distributionPLATFORM is uniquely well-suited to provide effective Business Continuity solutions, helping to protect organizations against outages due to natural disasters or attacks. For example, the WEYTEC solution ensures uninterrupted access to sources and services from multiple locations.
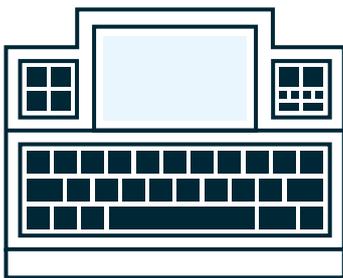
02
# UNIQUE TECHNOLOGY

# HIGH-TECH EFFECT WITH WEYTEC.

If you ask our technical department what they aspire to, the answer would certainly be: "To transform users into highly motivated Daily Business Champions." In order to achieve this time and time again, we rely on our own technologies and production, always staying a step ahead, always coming up with a better idea - and always adapting to individual requirements.

**Unique technologies**

**WEYTEC smartTOUCH**

Multifunctional keyboards from WEYTEC have written history: With a single keyboard and mouse, you can operate multiple PCs and video walls, access and control an unlimited number of screens without any loss of performance. The WEYTEC smartTOUCH is the ideal console for the WEYTEC distributionPLATFORM.

✔ Integrated touch screen: visualizes all your PCs and sources, individually configurable, easy and intuitive to control
✔ Expandable functionality: up to 256 individually programmable softkeys, eight programmable hardkeys, and two optional custom keypads
✔ Personal keyboard: removable inlay keyboard facilitates hygienic workplace sharing
✔ Intelligent sensors: automatic brightness adjustment for the LCD screen
✔ Numerous connectors: e.g. USB, mini USB, audio, Ethernet, etc.
✔ Audio output: two integrated loudspeakers and headset
✔ Configuration backup: the configuration is immediately available if the keyboard needs to be replaced

# A BIG BANG FOR THE FINANCIAL INDUSTRY

The Pictet Group is one of the leading independent asset managers in Europe. With 26 branches worldwide and 4,200 employees at its headquarters in Geneva, the Group relies on a WEYTEC solution for smart working.

## The initial situation

The Pictet trading floor in Geneva evolved over time and had developed into a potpourri of technology: There were heterogeneous desk layouts, some dealers had four screens while others had up to ten. PCs under the desks and a multiplicity of diverse keyboards all agitated the working atmosphere. But one thing was clear: Pictet traders need the speed, performance and stability of hardware-based physical computers.

## The smart solution

The WEYTEC distributionPLATFORM ensures the full computing power of every PC and latency-free response times - without a single PC on the trading floor. They are all housed in a secure system room where the IT staff can centrally execute all the MACs (moves, adds and changes) without physically touching hardware or infrastructure. According to Pictet, this alone saves the bank CHF 200,000 per year.

The most immediate benefit of the new trading floor is a quantum leap in agility and flexibility. First, traders have a single keyboard on their desks. Second, they can move their mouse moves across all their screens and choose their source without having to touch a button. Third, traders can completely switch their environments (e.g. from equities to derivatives) with only one click. And most importantly, free seating has been implemented. Teams can merge and regroup as needed to drive the business forward - they have access to all their sources from any desk.

A special highlight for Pictet management: the project was deployed in six phases over twelve weeks - during business hours and without disruption to ongoing operations.

## 160

Flexible workplaces

## 160

WEYTEC smartTOUCH keyboards

## 960

24" screens

## 550

PCs in a secure technical room

# "IT WAS LIKE THE WEYTEC STAFF WAS WORKING FOR THE BANK."

**Tony Centofanti**
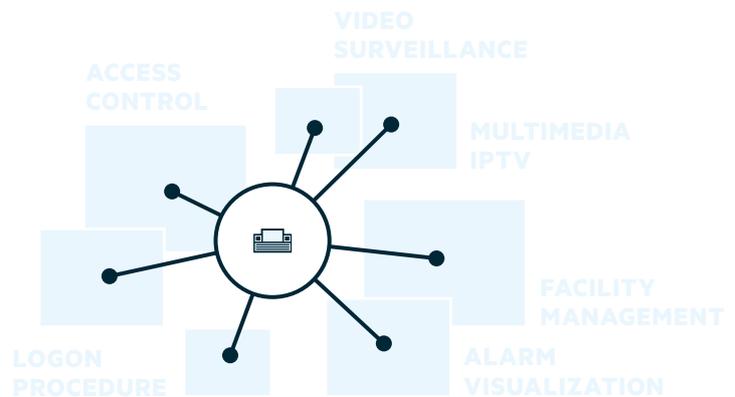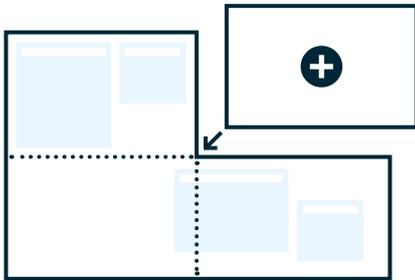Chief Operating Officer
Pictet Trading & Sales

1 Softkeys

2 Keypads

3 Inlay keyboard

4 Hardkeys

## WEYTEC smartVISUAL

WEYTEC smartVISUAL transforms an entire display environment into a personal visual workplace. It integrates all your screens - including shared video walls or screens in an adjacent room - into a continuous visualization surface. Operators can freely place, scale and move sources across their visual landscape.

✔ Hardware-based IP solution: no software installation required.

✔ Boundless pixel areas: individual displays are connected to create a continuous visualization surface

✔ Video wall optimization: display multiple sources on one video wall

✔ Comfortable overview: all windows can be scaled and positioned individually

✔ Brilliant picture quality: supports up to 4K resolutions

✔ Developed for 24/7 environments

✔ Minimal latency times

✔ Fast switching between scenarios and presets using the WEYTEC smartTOUCH

✔ Green IT: low heat and noise emissions, $CO_2$ neutral

## WEYTEC smartCONTROL

WEYTEC smartCONTROL is the interface between man and technology that connects your event-based systems and software with the WEYTEC distributionPLATFORM. smartCONTROL transforms your workplace into an ergonomic cockpit. Operators appreciate the highly efficient control of processes and procedures directly from their desks. For example, they can use the WEYTEC smartTOUCH customizable keypads to select camera feeds, acknowledge alarms, unlock doors, dim office lights and much more.

✔ Efficient integration of third-party applications

✔ Visual and acoustic alarms for defined events (e.g. when unauthorized persons are detected by video surveillance or access control)

✔ Complete integration or definition of events within the WEYTEC smartTOUCH

✔ Heightened concentration on key workflows when standard events, such as access control, are managed with minimal effort

# SMART PROPERTY MANAGEMENT

Suntec City is a major multi-use real estate complex in the Marina Centre neighborhood in downtown Singapore, consisting of a shopping mall, a convention centre and office buildings. Nine control rooms ensured people's safety - but were being pushed to the limit.

## The initial situation

A multitude of diverse systems are required to monitor and manage the Suntec City facilities. The first challenge was to integrate systems dispersed across the campus onto a single platform - without software upgrades or system intrusions. The second challenge was to provide a centralised system of control from a single consolidated control room so that any operator could manage any system from any desk, putting an end to cumbersome workflows.

## The smart solution

For Suntec City, WEYTEC connected 47 different sources located in nine sites to a secure backbone network and the WEYTEC distributionPLATFORM. The network converges at seven state-of-the-art workplaces in the consolidated and completely refurbished Central Fire Command Centre. Here, security officers, engineers and the management team collaborate efficiently while supervising the entire complex. This optimises human resources and significantly increases security for both the tenants and the property. According to customer requirements, the integration was accomplished without costly upgrades or changes to either legacy or new systems. The highlight of the new control center is a WEYTEC video wall that provides a 24/7 overview of all sources and cameras.

Now that all functions and workflows are controlled from uniform desks, each with a single user interface, operators manage Suntec City more efficiently and can react immediately to incidents. A crisis room is also connected to the WEYTEC distributionPLATFORM and, therefore, to all of Suntec's sources. Here, WEYTEC installed a WIFI projector and a WEYTEC smartTOUCH keyboard. In case of an emergency, the team can meet here, access the data, view the situation and immediately implement their contingency plans.

**9**

Locations

**16**

Flexible workplaces

**47**

Sources

**16**

WEYTEC smartTOUCH keyboards

**21**

Screens

**2x3**

Video wall

# "THE CENTRAL FIRE COMMAND CENTRE IS BETTER ORGANIZED AND MORE FLEXIBLE THAN EVER BEFORE."

**Nicholas Tan**
General Manager of Suntec City for APM

03

# SMART PROCESSES AND GUARANTEES OF SUCCESS

WEYTEC does not rely on standard solutions. Our specialists respond to industry, application and customer specific requirements so that you get exactly what you want. Which guarantees of success do you envision for your project?

### Specific

With the WEYTEC distribution-PLATFORM you receive an customized solution adapted specifically to your requirements. It is very important to us to speak your language and be there for you 100% of the time.

### Measurable

You can rely on our word - yet we provide proof over promise in our showrooms and live test environments, Experience our technology first-hand and evaluate your solution.

### Achievable

For a smooth system integration, it is important to us that your end users adapt to the new solution quickly and easily. Our staff will demonstrate everything and ensure that the solution fully meets your expectations.

**Smart processes**

ART

## Reasonable

The WEYTEC distributionPLATFORM is a unique solution that offers enormous flexibility because it is independent from your existing hardware and software - today and tomorrow. And all this is available at a very good price-performance ratio.
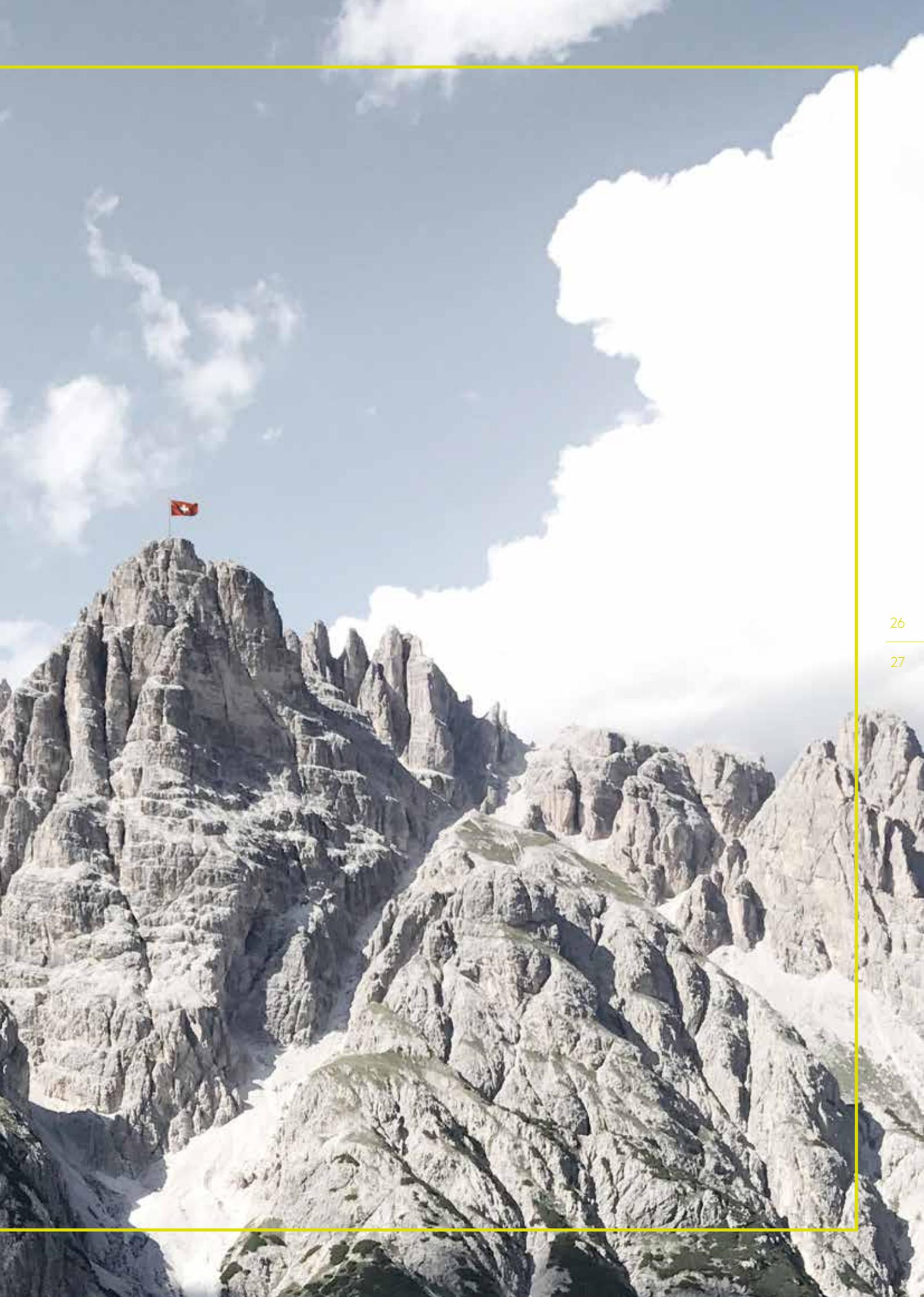
## Time-bound

We guarantee the successful realization of your project at the offered price - because we have acquired the necessary expertise over the course of more than 30 years. A clearly scheduled system migration is also an essential part of the successful project completion.

04
# THE COMPANY

## Global Player. Global Power.

WEYTEC is the technology company behind the world-wide success of the WEYTEC distributionPLATFORM. Established over 30 years ago, we are the specialists when it comes to integrated workplace solutions for customers on trading floors and in the public safety, utilities, traffic management, aviation and process-driven industry branches. Deeply rooted in quality-driven Switzerland, our customers benefit from the power of a global player that is unique in this industry: with twelve subsidiaries worldwide and support and customer service in more than 45 countries, WEYTEC is available in your vicinity.

## Full range of professional services from a single source

Our skilled professionals cover the entire life cycle of a project. This includes consulting, project management, product development, in-house production, installation, maintenance, support and customer training.

## Pioneer spirit and enthusiasm for simplifying complexity

WEYTEC lives by the motto: "the more complex the challenge, the more willingly we take it on". Why? Our background and strengths lie in our ability to resolve complexity. (It all began in 1980 when Hubert Wey developed, in only six months, the monochrome video matrix, which was technically unrivalled at the time.) Then and now, we love to break new ground and forge ahead - because there is nothing more satisfying than simplifying complexity and deploying smart solutions.

Your particular advantage: We do not have to adapt our solutions to third-party supplier products – our in-house production and development facilities in Switzerland afford us the autonomy and full creative freedom to pursue our customer preferences. At WEYTEC, Swiss quality meets profound expertise and a passion for innovation.

**MADE IN SWITZERLAND**

**Grüezi,**
we are WEYTEC.

# WEYTEC –
# THE SMART BRAND.
# THE SMART SOLUTION.

# >40,000

deployed workplaces

**12** subsidiaries worldwide

**>45** countries with local support

# >500

key accounts

⚑ **1984**
year established

♥ **130**
employees

# TRUST IS GOOD.

### Test workplaces and showrooms are even better.

WEYTEC is comparable in price but unique in its capabilities. The value add of a WEYTEC distributionPLATFORM can be described in words or experienced live in one of our showrooms. As they say: "Proof is gladly provided by those who don't fear the evidence."

We believe 100% in our competence - and would be happy to show you why. You can visit a showroom in any country with a WEYTEC entity. Europe's largest showroom for trading floor and control room workplace solutions is 400m$^2$ large and is located in Unterengstringen by Zurich. Everything described in this brochure can be tested in this professional environment. Bring us your complex requirements, set your imagination free and let us show you the SMART effect before you place your trust in us.

### Visit the industry's largest showroom in Europe

WEY Technology AG
Dorfstrasse 57
8103 Unterengstringen
Switzerland
showroom@weytec.com
Tel.: +41 44 751 89 89
www.weytec.com/showroom

BOOK NOW

"WEYTEC WAS THE IDEAL PARTNER FOR THIS PROJECT, PARTICULARLY DUE TO THEIR MANY YEARS OF EXPERIENCE IN PROVIDING SUCH SOLUTIONS. OUR VISIT TO THE SHOWROOM IN ZURICH, WHERE WE EXAMINED AND TESTED THE WEYTEC DISTRIBUTION PLATFORM, CONFIRMED OUR INTENTIONS."

**Louis Zumerle**
Head Trading Business Management
LGT Financial Services AG

**Do it smart.**

www.weytec.com