interactive scape

multitouch solutions **with object recognition**

Scape X® Shape Invisible

discover
entertain
collaborate
with the world's leading object recognition on displays

Scape X® Mobile
Seamless Mobile Connection

digital experiences that inspire

Fascinating and memorable experiences for customers, business partners and employees — we offer powerful and innovative software and hardware solutions for multi-user systems on large multitouch displays.

We combine real objects with digital experiences using our world-leading object recognition technology. Additional content and information can be grasped intuitively, as haptic objects now magically merge with the added value of virtual experiences.
Our applications are as varied as the requirements of our customers. Whether we're creating attractive sales areas, presenting complex information in museums or at trade fairs, imparting knowledge in educational institutions or enabling efficient collaboration within a company - we shape human interaction.

we bring the digital to life

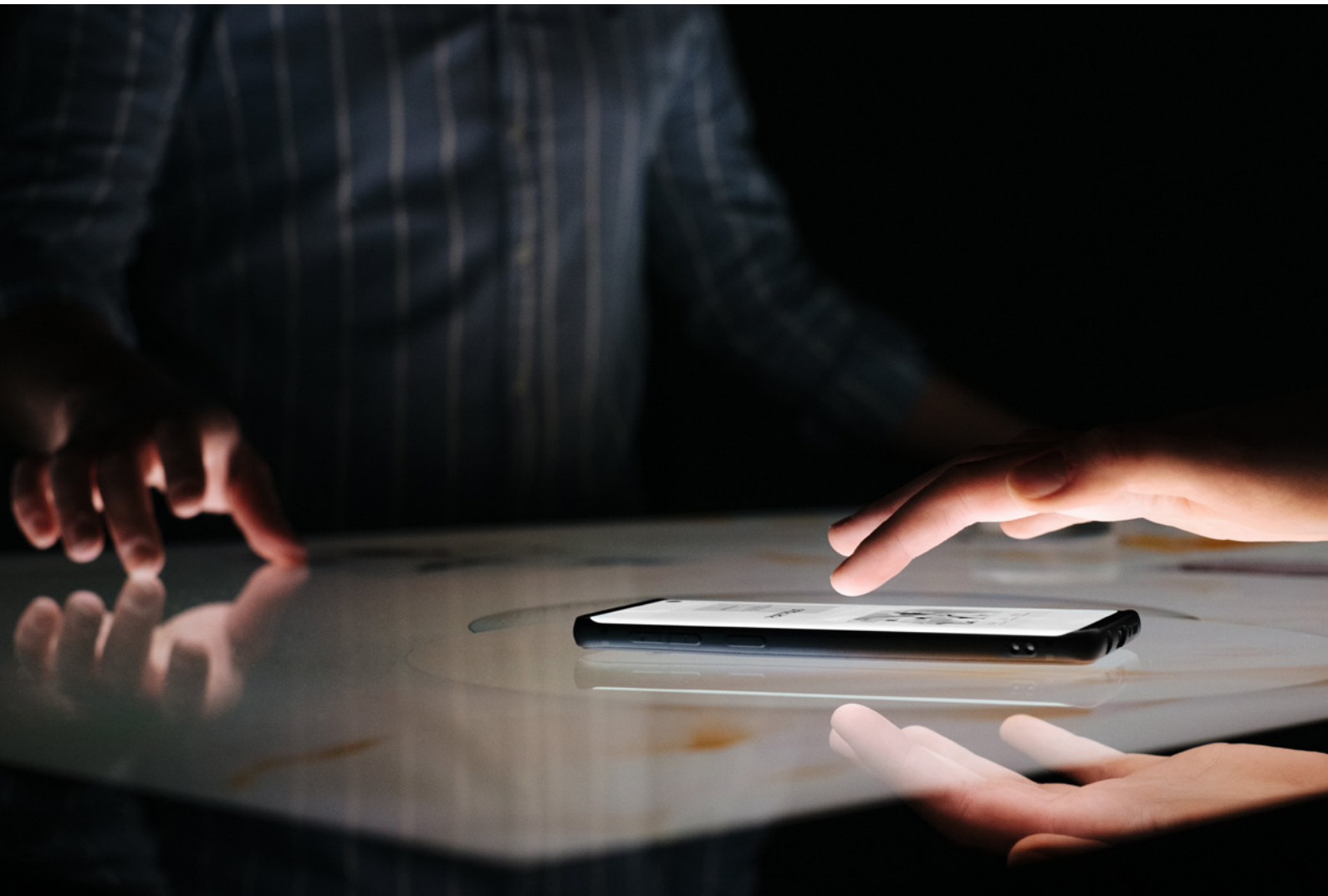
With our experience, innovative spirit and passion we create new digital worlds. Starting with the ideas and requirements of our customers we develop solutions that are both sustainable and unique.

As a first mover in the multitouch display sector, we offer a platform of modular and holistic solutions with multitouch and object recognition. With our powerful hardware components, unique capacitive object recognition and intuitive applications, we are an experienced and professional partner.

Together with our OEM partners, we offer technologies with high-quality industrial components and can thus guarantee the long-term availability of our devices in form and function.

Research has always been a major driver of our company. This enables us to continuously develop our product range and to bring trend-setting technologies onto the market. We cooperate with the largest research companies and with leading scientific institutes.

Scape X® Mobile
Bring your own device



object recognition powered by AI

Introducing the future of digital object recognition: Scape X® Engine — powered by artificial intelligence, multitouch object recognition is taken to new heights of precision, clarity, and in-visibility, blending content seamlessly with real objects. Imagine a world where real and virtual merge, creating a truly captivating experience.

How does it work ? It's quite simple.
Let us show you step-by-step how Scape X® Engine can elevate your digital experience. Don't just imagine it, experience it with Scape X®.

Continuous improvement of recognition quality through use of robotics & machine learning

Unlimited number of IDs possible

Different objects for different needs

Simple integration in your software through TUIO 1.1 and 2.0

Tried-and-tested communication protocol

Manufacturing in our workshop

Customised design (upon request)

High-quality, fast and precise object recognition

Scape® X Objects

Scape X® Shape

Scape X® Tags

Scape X® Magnify

Scape X® Sticker

Object recognition engine

Scape X® Engine

Multitouch display or table

Scape® Tangible
+
Application PC

Scape® Lab
+
Application PC

Scape® Movable

Scape® Pro

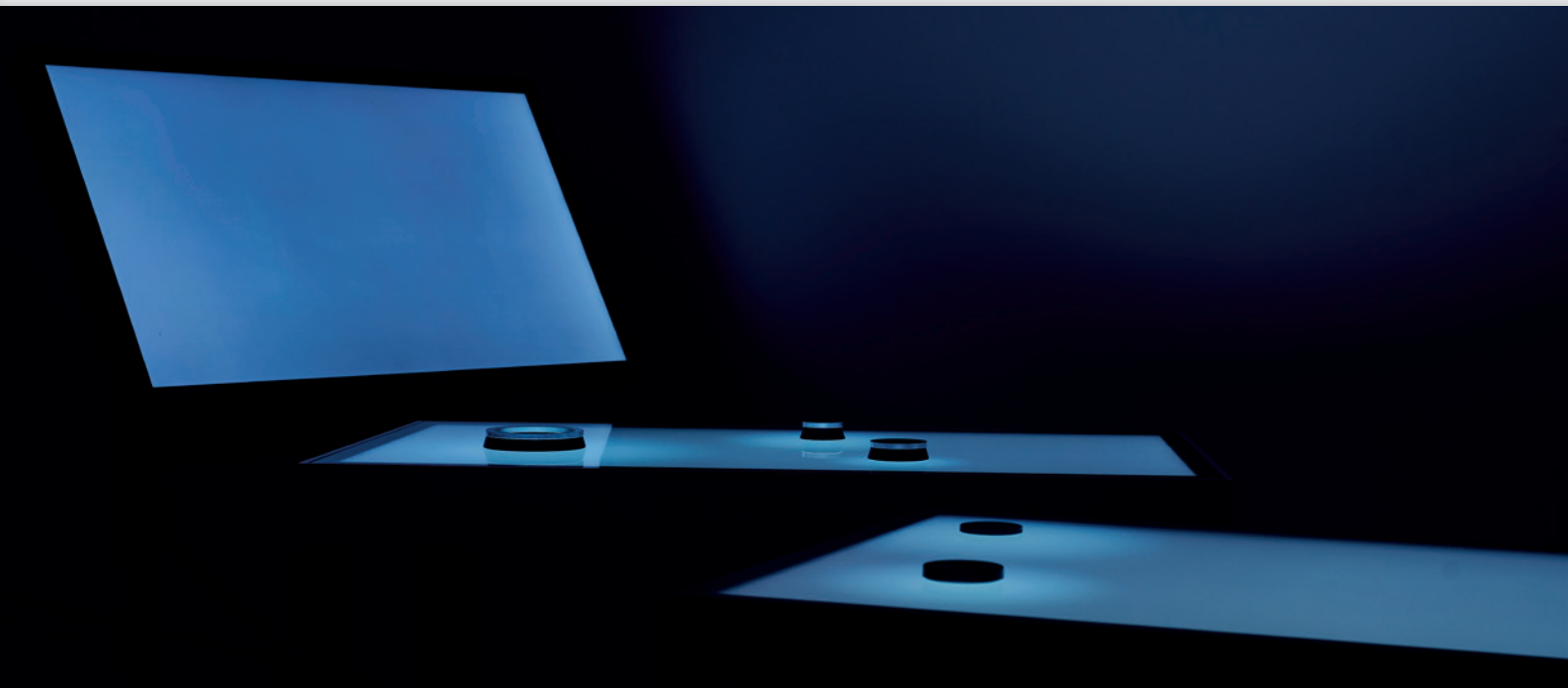
premium hardware designed, developed and made in germany

Our professional multitouch hardware can be combined and expanded according to your invididual needs.

Whether you need a Scape® Tangible display with or without one of our table frames — Lab, Movable, and Pro — our premium hardware guarantees you high quality and durability. Our frameless displays are also ideally suited for custom installation, both vertically and horizontally.

Sporting Scape X® Engine, the world's leading object recognition module powered by AI, our latest generation of displays are the cutting-edge platform for interactive multitouch applications.

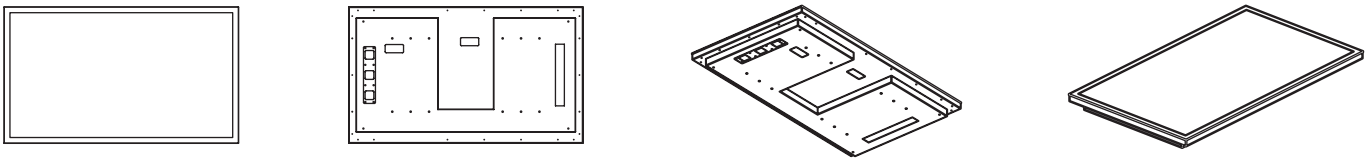
- Integrated optional object recognition
- Various sizes available (55, 65 inch)
- 4K/UHD displays
- Reliable PCAP technology with over 80 touchpoints
- Works well in all light conditions
- Reliable 24/7 use due to temperature monitoring
- Output: TUIO 1.1, 2.0 und Windows Touch
- Certified for horizontal use
- Ideal for custom tables and installation
- Integrated Artificial Intelligence



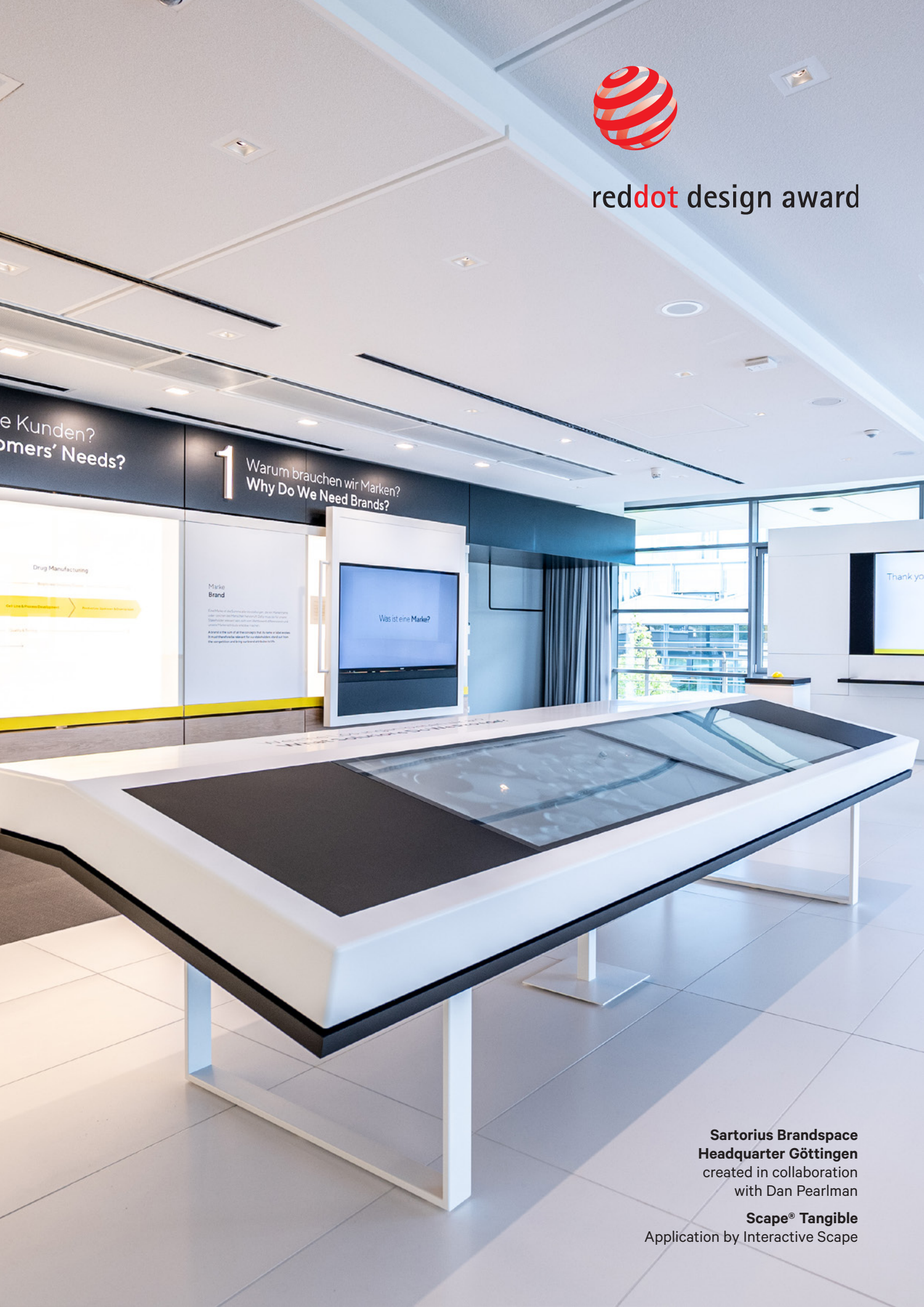
versatile.
integrated.
already a classic.

Scape® Tangible Multitouch Display

Our premium PCAP multitouch displays are suitable for professional and long-lasting use. They provide powerful 24/7 quality in 3840 x 2160 px resolution with a panel brightness of 700 candela. In addition, our Ultra HD / 4K UHD displays feature our unique capacitive object recognition, precise colour display and pixel-free image reproduction. **Available in 55" and 65".**



Scape® Tangible
Technical drawings



Sartorius Brandspace Headquarter Göttingen
created in collaboration with Dan Pearlman

Scape® Tangible
Application by Interactive Scape

L'Oréal Germany
Headquarter Düsseldorf
created for Evelution

Scape® Tangible
Application by Interactive Scape

Audi Show Application
Space created by Evelution

Scape® Tangible
Application by Interactive Scape

high-end.
robust.
ready to play.

Scape®
Multitouch Tables

Our range of premium tables is tailored to a wide variety of needs and use cases. The robust, high-quality solutions are based on our many years of experience. Custom table designs are also available on request.

Scape® Pro

The impressive all-rounder: whether at trade fairs, in showrooms or at the point of sale — the Scape® Pro stands out thanks to its sophisticated design and reliable high quality. It can also be transported in a made-to-measure flight case.

Scape® Movable

The Scape® Movable can easily be moved from place to place thanks to its wheels. The height is also adjustable and the display can be tilted from horizontal to vertical.

Scape® Lab

Flexibility and stability - that is what sets our Scape® Lab apart. This table on wheels is particularly well suited for use in labs, office spaces, and educational institutions.

Tag der Ein- und Ausblicke
Open House Day
at the German Parliament
developed for Compactteam

Scape® Pro
Application by Interactive Scape

Hidden Structures
developed for **Deutsches Technikmuseum**

Scape® Pro
Application by Interactive Scape

Scape® Movable
Application by Interactive Scape

research & development

Our high quality standards and continuous research into new possibilities have enabled us to expand our product range with tangible objects. With Scape X®, we offer unique solutions for the integration of tangible objects into modern multitouch hardware.

We research and develop innovative hardware and software that allows multiple users to interact on one display. Our innovative multi-user solutions take into account the various requirements of large-format displays. As part of our research and development, we also develop prototypes for special customer requirements, e.g. for design studies, IoT and embedded systems.

german engineering

Our customers benefit from reliable delivery times, durable products of the highest quality and a reliable contact partner. Adherence to high quality standards and smooth customer service are vital to us in the manufacture of every single product. Within the framework of quality assurance, our specialists document every step and carry out detailed quality controls before delivery.

CE

As a manufacturer of technical products, we observe all relevant directives of the European Union (EU). Our products are CE-compliant.

your path towards a multitouch application

Thanks to our robust hardware solutions and our revolutionary Scape X® Engine with open access to TUIO, we are enabling everyone to develop multitouch applications with object recognition, regardless of their programming knowledge.

Our international partner network is the best example for this. They use our platform in order to make your applications come to life.

Over the years, we have developed a wide range of high-end multitouch applications, expanding the possibilities of object recognition.

Our goal is to empower everyone to create visually convincing communication of their content, and our multitouch applications with object recognition are a great way to achieve that.

We believe that by providing open access to our tools and frameworks, we can facilitate the development of multitouch applications and make it accessible to everyone.

Here's how >

Option 1
Get in touch with our partners

We believe that technology should empower you to bring your ideas to life. That's why we have curated an international partner network, comprising of some of the most experienced software developers, AV-Integrators, marketing specialists and more. Hand-picked and trained to work seamlessly with our technology, you can focus on creating something truly special and trust in our joint expertise.

Our partners are more than just service providers, they are true collaborators, dedicated to understanding your vision and bringing it to fruition. With their expertise and our technology, the possibilities are endless. **Get in touch or become a partner >**

Selected partners

atlantic devices · JACK MORTON · WM · make · expopartner

evelution · form follows you · VST · touchwert® · werk5 new craft

PKE · DATAVISION · HOLTMANN+ · Block Zero™

Cheil · CANCOM · visionate · PLEXGROUP

smartPerform · MEDIASCREEN · 2av · COLOGNE HUNTERS Systems AG

s|k studio krause · ASE DOING BETTER · plenum · SIGMA

mwx · ELEMENTZ · MOUNT VISUAL · SYMETRI ADDNODE GROUP

dan pearlman · TOPRIGHT · AVS CREATIVE VISUAL SOLUTIONS · and others

Option 2
Get in touch with us

Your own concept
no workshop required
given defined concept

or

Workshop
approx 4h remote
or on site in Berlin

Feedback loops

Selected customers

Interaction concept & precise software quote
definition of milestones and timeline

Fine-tuning of the concept
including definition of hardware and data infrastructure

Application development
1-2 iterations

Feedback loops

Testing & Application deployment
if required, CMS-training and initial content deployment

Running support
remote support as part of annual plan

Our application development timeline

Creating an interactive application can be complex and the budget can vary greatly depending on a variety of factors, such as complexity, content, design and feature set. We are happy to develop your application starting with a budget of 10.000 €.

Workshop and Concept
To begin the concept development process, we recommend starting with a collaborative kick-off workshop for idea sharing and discussion, followed by the creation of an initial concept that includes iterations. This allows you to make an informed decision about whether you would like to proceed with us into the fine-tuning phase and implementation. The concept belongs to you, so you can choose to implement it with other service providers if you prefer.

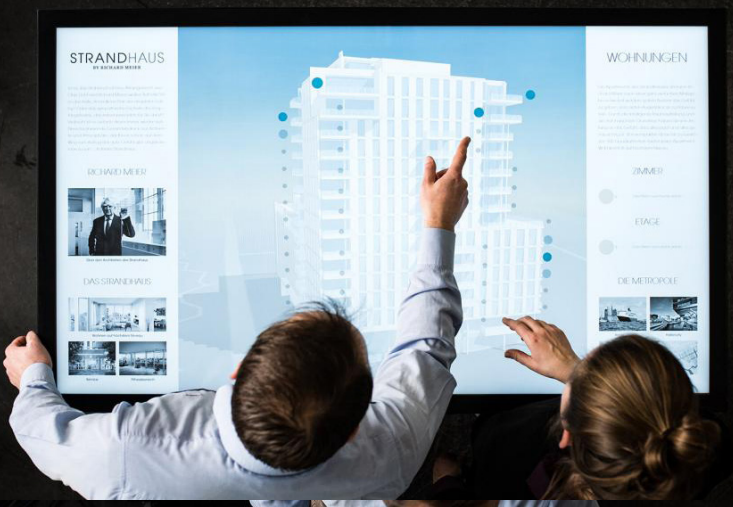
During this initial phase, we focus on fleshing out the idea, determining the basic design direction, identifying target audiences, and determining the depth and complexity of the application.

Fine-tuning
If we proceed together, the next phase is fine-tuning the approved concept, presenting and discussing visualizations. During this important phase, we will determine on which devices the app will run, as well as whether and which external data sources (APIs) will be integrated.

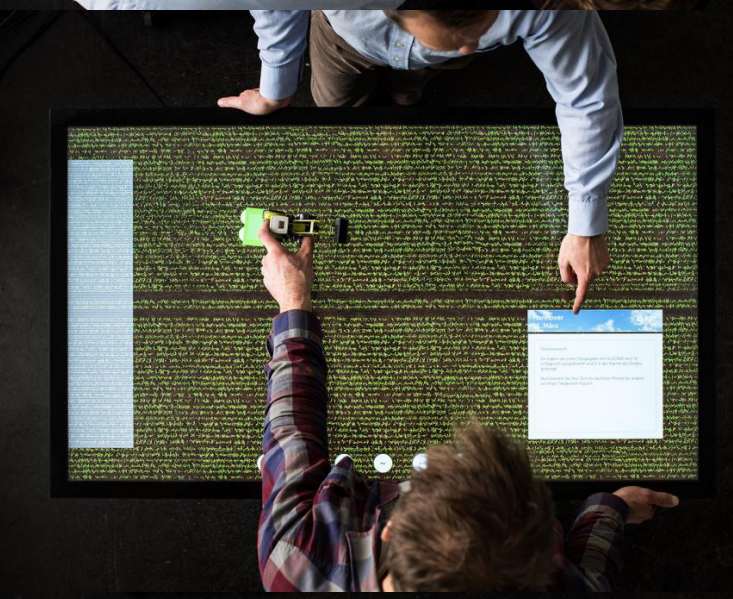
Application development
Once the final concept is approved, we move into the implementation and application development phase. Our Easire® Player allows us to view and test intermediate versions of the application on our own computers. Additionally, the application is connected to a web-based content management system (Easire® Cloud CMS), which allows you to access your content anytime and anywhere. After a CMS training for your staff, your project team will be able to manage and edit content independently.

Testing and application deployment
We conduct all testing in-house on similar hardware.

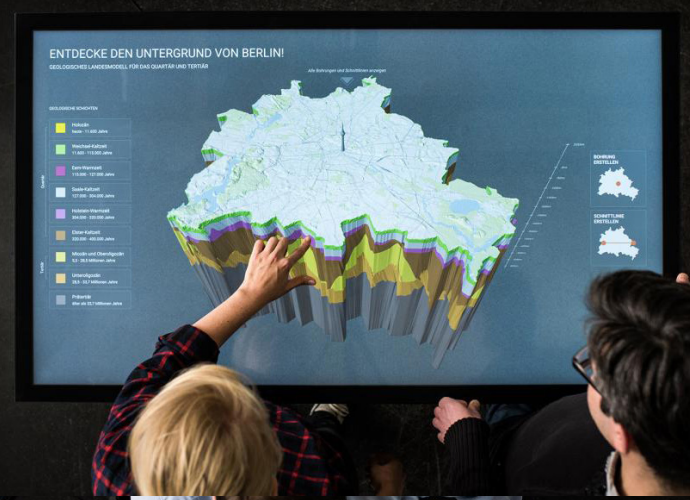
Running Support
The level of support will depend on the chosen service package. We are happy to provide individual consulting for your project.


STRANDHAUS
WOHNUNGEN
RICHARD MEIER
ZIMMER
ETAGE
DAS STRANDHAUS
DIE METROPOLE

This is PrimeTurning™
Or flip this view
PrimeTurning™ is a new methodology which enables you to do turning in all directions in much more efficient and productive ways as compared to conventional turning. This concept is comprised of a new turning mehod, dedicated CoroTurn Prime tools and a code generator.
Browse further information about Prime Turning.
Reset



MAYBELLINE
L'ORÉAL


ENTDECKE DEN UNTERGRUND VON BERLIN!
GEOLOGISCHES LANDESMODELL FÜR DAS QUARTÄR UND TERTIÄR

Nachhaltigkeitsbewertung
Innovative Wasserinfrastruktursysteme

WABCO
Intelligent Trailer.
It's whats inside tha.

Interactive Scape
digital pioneers

We think ahead and open up whole new product worlds. The enthusiastic response of our customers is the greatest reward for our work.

Since our foundation in 2008, a lot has happend at Interactive Scape. We showed our first interactive multitouch installation at the Architecture Biennale in 2008. Six years later, the company switched to capacitive multitouch sensors. In 2015 we launched our first 4K monitors and one year later we launched our unique Capore® technology. In 2018 we successfully launched our first AR project for the German Federal Ministry of Economics. In 2020 we revolutionized the world of large capacitive multitouch screens through the use of integrated artificial intelligence — with Scape X® we take object recognition technology to the next level.

All these exciting steps were only possible because we constantly strive to develop and learn. Lean processes, transparent communication and short decision paths are just as important to us as respectful and open-minded interactions between colleagues — for an inspiring and creative working atmosphere.

CEOs and founders: Hauke Helmer & Ulrich Mangold

interactive scape

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shaping human interaction.

01/2023