

We add value  
to your products

**NEW: 3D BIONIC SPHERE® SYSTEM**  
WITH THERMOSYPHON®  
TECHNOLOGY

Unique and extremely effective  
temperature management.  
Cools when you sweat,  
warms when you're cold.

Patented in 29 countries: AT, BE, BG, CH, CY, CZ, DE,  
DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,  
PT, SE, SI, SK, TR, AU, CA, CN, JP



reddot award 2018  
winner



X-Technology Swiss R&D AG  
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8832 Wollerau/Switzerland

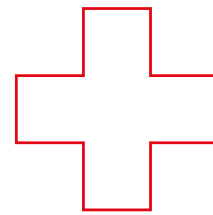
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**Strengthen your brand with excellent design.**

X-Technology® Swiss for maximum impact.

Brilliant product design, key strengths, research and development of X-Technology® offer you an outstanding product, manufacturing and design quality.

For over 20 years X-Technology® has been an icon for excellent design expertise in the clothing sector. With a fine sense of the specific brand identity, the segment, the target group and market trends, international design teams design products with the maximum impact and sales potential.



We add value  
to your products

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The world's most complex functional jacket.



Formula Ski by X-BIONIC® for Automobili  
Lamborghini is breathtaking perfection,  
hand-made from exactly 486 parts.

# Leave the thinking to us.

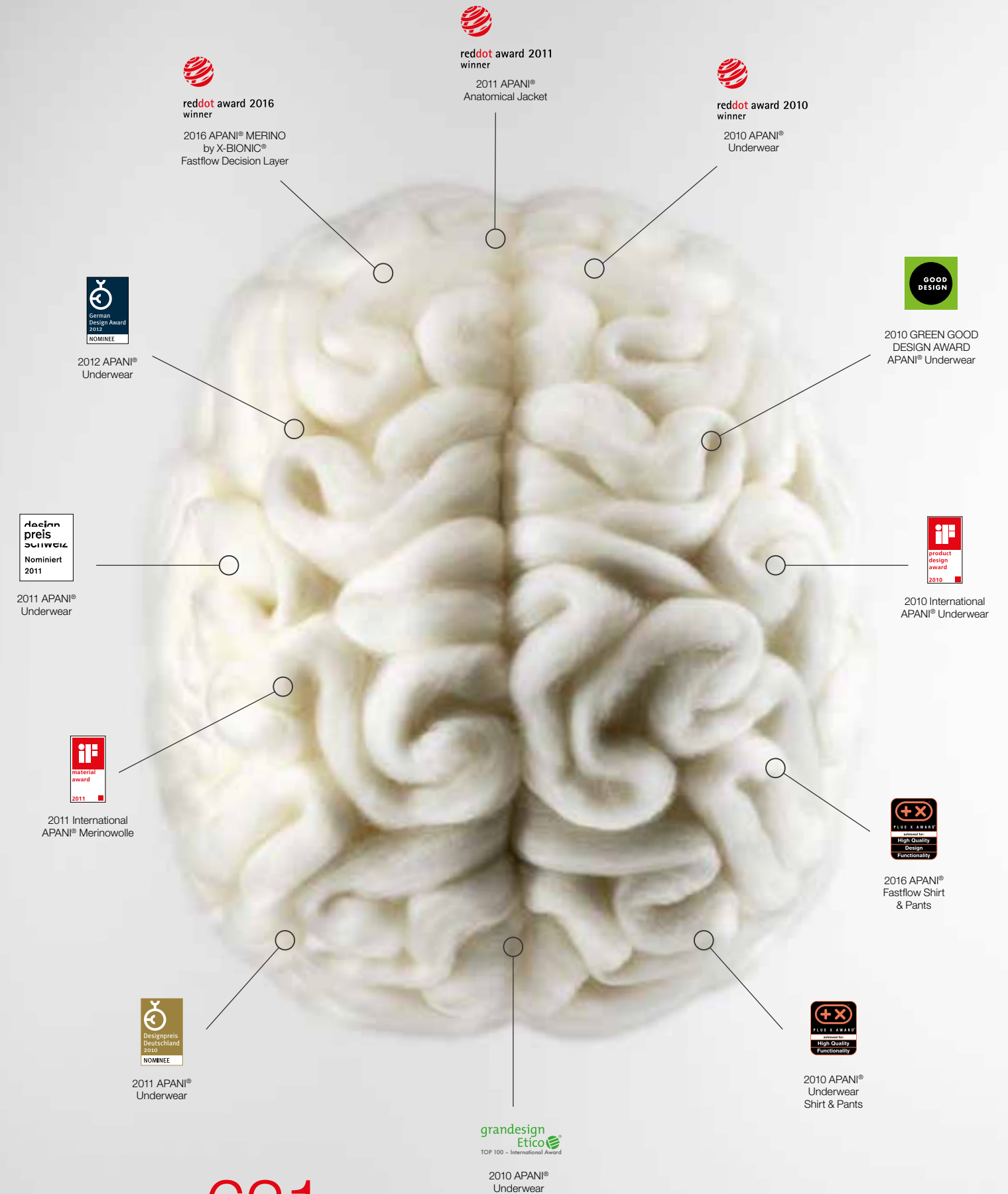
At X-Technology® Swiss we think that everybody should do what they do best. When it comes to our customers, this is taking care of business. And whilst they do that, we dedicate ourselves to the subject of innovation. This is where we excel. X-Technology® Swiss offers clear navigation in a competitive landscape, access to a valuable knowledge base and the ability to develop the kind of groundbreaking ideas that drive modern businesses.

# 621 awards won



**We made wool smart.**

Wool was stupid. It could not tell whether it felt too hot, too cold or too humid on the human skin. This went on for hundreds of years. Until X-Technology® Swiss taught wool how to handle sweat intelligently. Today, wool is smart. It reacts. It comforts. It has value, added by X-Technology® Swiss.





“Without an  
idea everything  
is nothing.”

The world of fascinating new ideas can only begin once you free yourself from traditional and accepted methods. Welcome to the world of X-Technology® Swiss. We think the unthinkable. Do the undoable. Invent the future and turn our clients into cutting-edge market leaders. With our revolutionary approach and high technological competence, we take technology and design to the next level. Does your brand really live up to its full potential? The answer is no more than a good idea away – and we are the ones to provide it.



**Prof. Dr. Bodo W. Lambertz**  
Owner and founder of  
X-BIONIC®, X-SOCKS®  
and APANI®, CEO of  
X-Technology Swiss R&D AG



# Claim new ground. With innovations that give you the advantage.

Your biggest success has yet to happen and we intend to help you realizing it. X-Technology® Swiss is at the forefront of design and technology. The success of our own brands speak for themselves and our clients are setting new standards in their respective fields. X-Technology® Swiss offers the best in research and development services supported by an experienced team of experts, under the leadership of Prof. Dr. Bodo W. Lambertz. We deliver effective solutions to complex design problems. We are open-minded, goal-driven, technically advanced and strive for simplicity. This is the secret to our success. This could be your success.



X-Technology® Swiss inventions have demonstrated their value in the toughest of conditions in the fields of aerospace, aviation, racing and extreme sports.





# Outperforming the competition. Again and again and again.

Science is only as good as its proofs. Athletes wearing X-BIONIC® have stood on the podium over 1,100 times at Olympic competitions, world cups, world championships and many other international sporting events – plenty of proof for the superiority of patented X-BIONIC® technology. With functions that have been proven to improve performance, X-BIONIC® technology turns athletes into champions.

X-BIONIC®  
makes winners:

# 1120 medals\*



WIR SIND  
OFFIZIELLER FAVORIT  
DES SWISS SKI TEAM



\*As of January 31, 2019, athletes wearing X-BIONIC® have stood on the podiums of international ski competitions 1120 times including the Olympic Games, World & Junior World Championships, World Cup, European Cup and FIS races.

Creating uniqueness.  
Our ideas are  
protected by patents.

Is an idea really a valuable idea? That's easy to find out: you apply for a patent. Because only genuine innovation receives the status of a patent. Thus the idea enjoys special legal protection. With over 800 patent applications worldwide, X-Technology gives customers every opportunity to enhance their own brand with legally secure ideas and functions. Instead of investing in long-lasting, expensive R & D, brands can agilely conquer new territory on the market - powered by patents by X-Technology.

808  
patent  
registrations  
world-  
wide



Gain global attention.  
With award  
winning innovations  
and products.

Imagine that your brand is gaining more than just market shares. Instead, it is also gaining countless international awards and thus is enjoying a great deal of media interest - all free of charge. X-Technology® Swiss has already won more than 560 awards and test victories and will also continue to regularly take top rankings with its developments. The superiority of our innovations is documented by countless trophies, including prestigious awards such as iF, red dot and Plus X. Another indicator of the strengths of our concept is our excellent sales level. Your brand can do this too. We will be happy to show you how.

**10** times in a row  
**“Most Innovative Brand”**  
Plus X Award 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 and 2018.

over **600** awards and  
test wins

**Position**  
Top 100 worldwide (2012)  
**iF design Award,  
Creative Ranking** **19**

**54** iF design  
awards

**37** red dot design  
awards

**78** Plus X Awards

good design  
awards **15**

“ I am thrilled how this Swiss treasure-trove of innovation consistently manages to raise the standards of the world market to new heights by creating fascinating textiles – visionary and diverse. The ‘red dot winner’ of X-Technology® Swiss represent athleticism, energy and innovative capacity in a one-of-a-kind manner.

**Prof. Dr. Peter Zec**, Initiator and CEO,  
red dot design award



“ In the last five years one company exceptionally impressed the jury through constant and exemplary research and development in the sector of bionics and the remarkable level of creativity and inspiration: X-Technology® Swiss.

**Donat Brandt**, President,  
Plus X Award



X-Technology® has been crowned the most innovative brand of the year nine times in a row with product developments for X-BIONIC®.

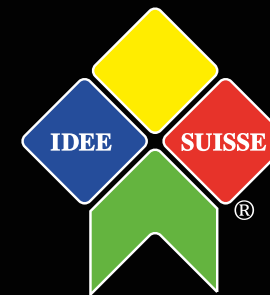
“ ... the 56 awards from iF speak for themselves X-Technology® Swiss has continuously produced exceptional design services throughout, that present a unique spirit of innovation while reflecting tangible user friendliness.

Ralph Wiegmann, CEO, iF International



“ Very few companies are bold enough to have their work judged in design award competitions – let alone do it with the consistency of a company such as X-Technology® Swiss.

Dr. Brandon Gien, CEO, Good Design Australia

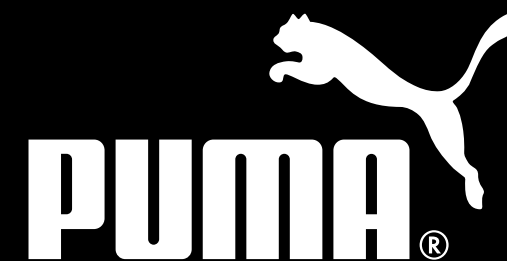


What sets many internationally successful Swiss companies apart is something we call „Swissness“, that specific mix of creativity, quality and productivity. Idee Swiss®, a Swiss organisation for innovation and ideas management, has therefore made it their goal to award prizes to these companies. In 2014, this award went to X-BIONIC®, the cult brand by X-Technology® Swiss, located in Wollerau by the Zürichsee.



# Uniting innovation. The partnership with Puma.

The partnership of X-BIONIC(R) with the sports giant PUMA combines the most valuable potential of two icons of top performance. Together, they will create a tsunami in the sports industry. The combination of all strengths in the areas of design, innovation, function and performance opens up previously unattainable potential for success. Puma SE employs more than 13,000 people worldwide and distributes its products in more than 120 countries. Through the joint activity, the two globally present partners will set important impulses for growing success and increased brand values.



NEW PARTNERSHIP. NEW ERA.

# Driving innovation. The partnership with Automobili Lamborghini.

There are brands that share an exceptional reputation: technological leaders delivering premium quality and a unique brand profile. These brands are highly acclaimed and highly popular, much to the disdain of their competitors. Many of these brands are, or have been satisfied clients of X-Technology® Swiss. With a growing trend towards product exchangeability, the key to success lies in outstanding performance and patentable inventions. Give your brand the crucial competitive advantage it needs – achieve higher profit margins – become a brand that inspires. It's time to stand out from the crowd.



# Fueling iconic brands. The partnership with Harley Davidson.

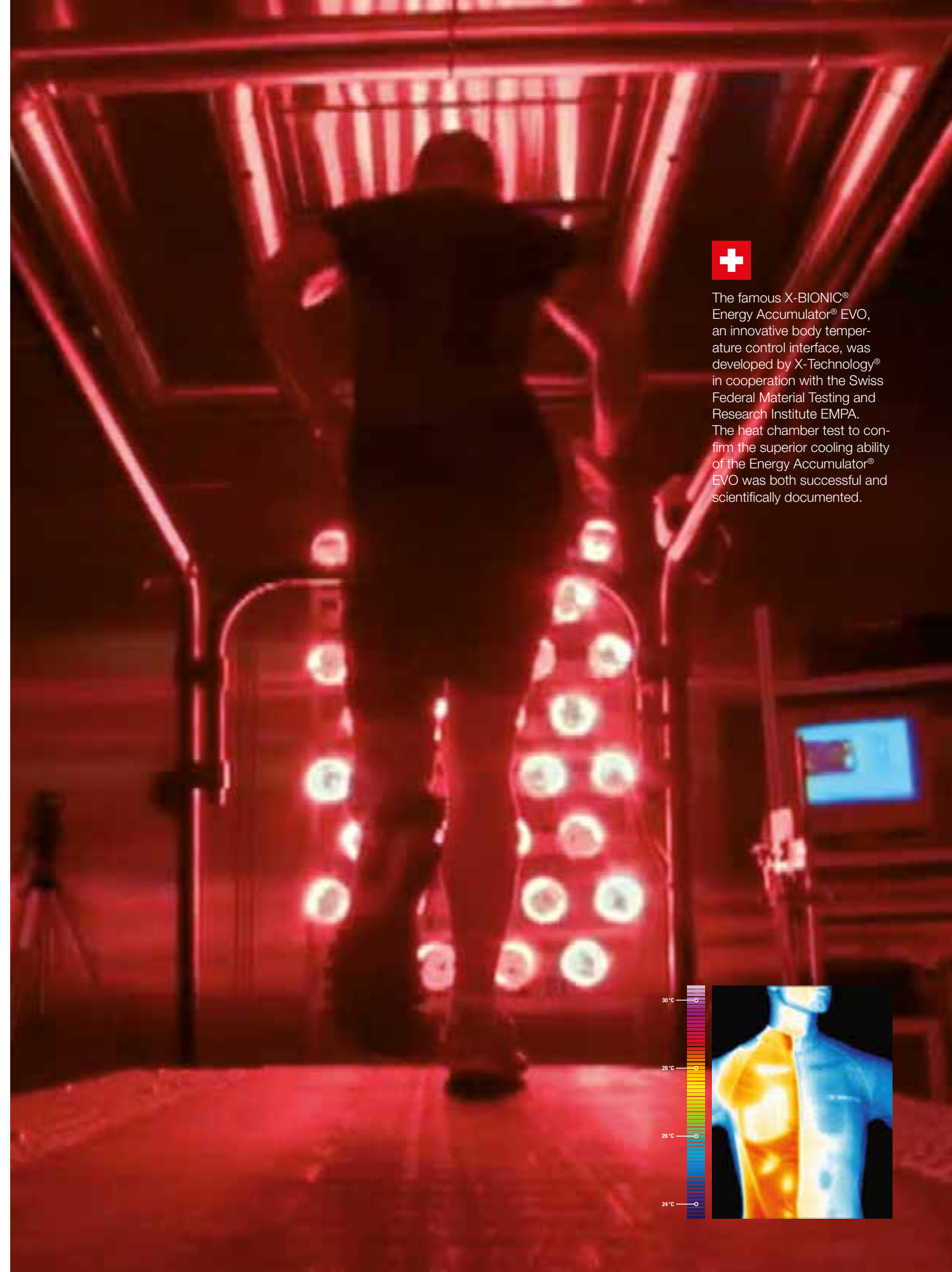
Harley-Davidson is an attitude towards life. If you ever cruise on a Fat Boy across country roads, you will be deeply emotionally immersed in the brand's magic. Wind, rain and cold will not change this either since there is Harley-Davidson functional wear, which X-Technology® specifically developed and produced for the cult brand. It is more than just the logo that documents togetherness. The technological requirements for the clothing development also coincide with the brand DNA. Unmistakable in design, sophisticated and equipped with a patented function, the product concept enhances the unique Harley feel of the customers - and the brand's earnings.



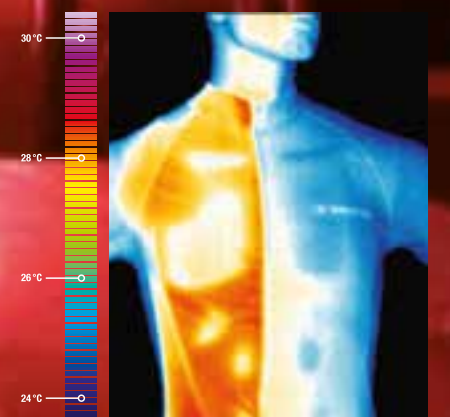


# Discover new sales potential. With targeted research and innovation.

X-Technology® Swiss carries out innovative research and development into leading products and technology. This is done by combining world-class technological expertise with astute commercial knowledge. Over 300 proprietary patents and design rights are the results of ten years of intensive research and development. To ensure product quality and compliance in design and development, we have a long standing partnership with recognized partners such as the Swiss Federal Laboratories for Materials Science and Technology, EMPA (Eidgenössische Materialprüfungs- und Forschungsanstalt).



The famous X-BIONIC® Energy Accumulator® EVO, an innovative body temperature control interface, was developed by X-Technology® in cooperation with the Swiss Federal Material Testing and Research Institute EMPA. The heat chamber test to confirm the superior cooling ability of the Energy Accumulator® EVO was both successful and scientifically documented.





# Take your business to new heights. With ground-breaking product performance.

X-Technology® Swiss designers have an acute awareness of good aesthetics and form. But they don't stop there. Their high level of technical sensibility and knowledge of bionics allows them to think on a different scale. Innovative material and products developed by X-Technology® Swiss have been tested and approved everywhere on earth – even outer space. If you are interested in taking your revenues to the next level we should start talking about new ideas. We do whatever it takes to ensure our customer's profits to skyrocket.



X-Technology® Swiss developed antistatic and body climate control underwear for space suits in cooperation with the "Yuri 1 Gagarin Russian State Science Research Cosmonauts Training Centre". Our incomparable functional garment performance made us the number one choice for the development of such an important interface.





# Connecting worlds. With spectacular new developments.

Wherever man withstands forces of nature, bionic findings make ground-breaking solutions possible. Our "X-BIONIC® Oceans" project not only re-defines shipping architecture, but also the co-operation of people on board with the keyword: "Connection". On strong connections we also rely with a international development team. It's based on established partners, for example from the automotive industry. Additionally we gained well-known brands such as North Sails. For the development of the unsinkable high-tech yacht we brought together engineers from China, the US, England and other countries. X-Technology® Swiss' successful think tank principle can also be seen in the interior design. The elevated central area becomes a team building engine for up to 10 passengers. "X-BIONIC® Oceans" represents high-tech on many levels, including at the level of crew motivation.



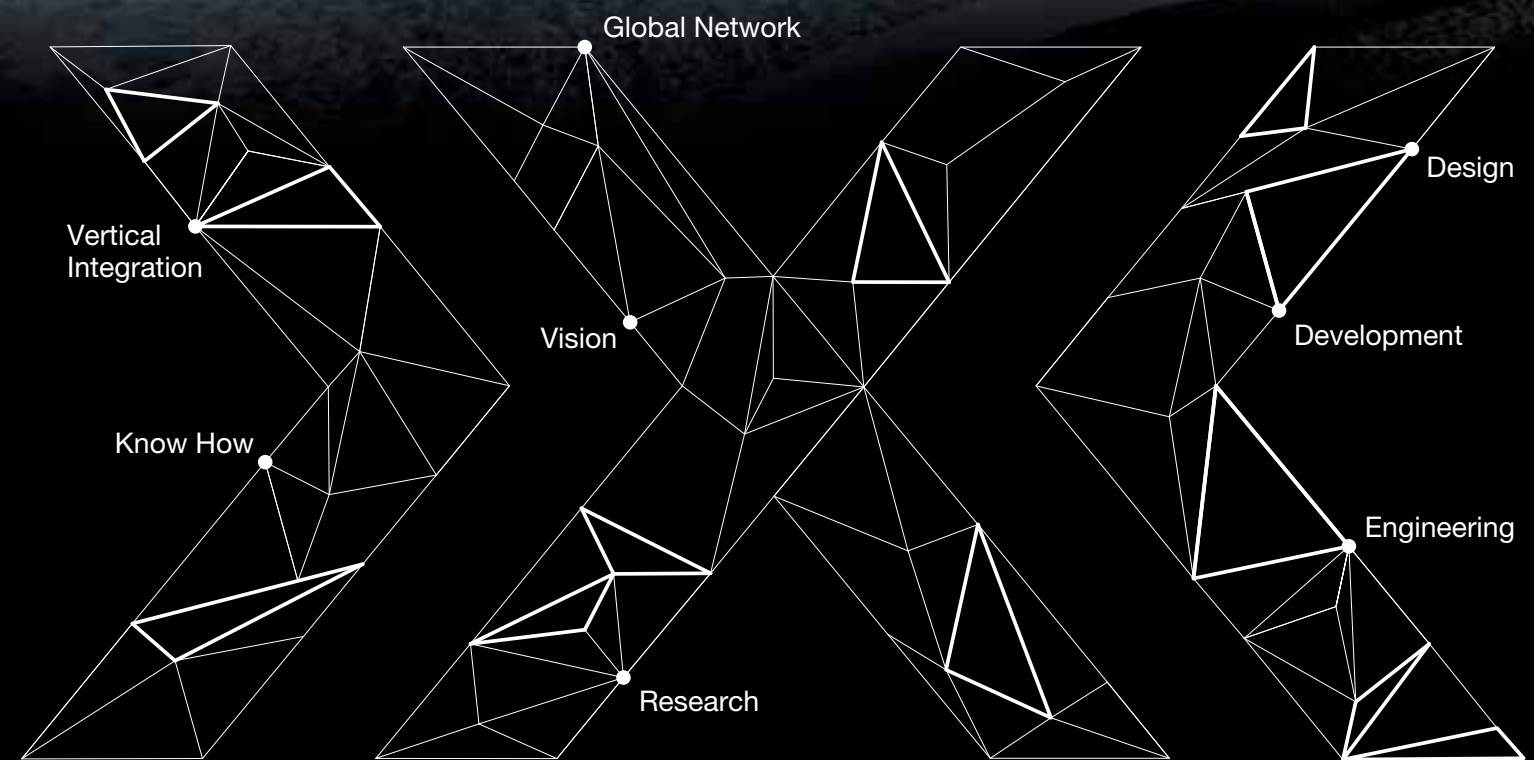
Focus on high-tech and international design competency: the carbon fibre "X-BIONIC® Oceans" yacht sets a trend with regard to material, architecture and team dynamics at sea.





# Discover the product world of the future. Certified global network of manufacturers. Vertically integrated production.

Products that determine the markets of tomorrow are already overtaking other brands in the production. This is happening in the future factory of X-Technology® through a close interlinking of knitting, sewing and dyeing. On behalf of major sports brands and retail chains, X-Technology® is implementing this concept, supported by efficient manufacturing partners whom we recruit by means of a binding catalog of requirements. Their key skills: leading production knowledge, uncompromising quality, high efficiency and a deep understanding of the core values of your successful brand.



# Increase the power of your success. X-Technology<sup>®</sup>, the name of success.

What catapults brands to the top in the highly competitive global market? It is the sum of many strengths: the smart product idea, the disruptive strategy, the technological advancement and the unmistakable story that arouses the enthusiasm of the target group. We have set ourselves the task of playing the entire keyboard of successful brand-building for global markets. Today, Swiss precision and the innovative power of X-Technology<sup>®</sup> are behind many leading companies and products. When will you give your business the decisive boost forward?





# Release the full potential of your brand. The X-Technology<sup>®</sup> Swiss Design competence.

At X-Technology<sup>®</sup> Swiss we understand that there is more to design than meets the eye. Our design team combines a thorough understanding of human factors encompassing end-user insight, ergonomics, interaction design and aesthetics. Other technical processes must also be considered, such as design for manufacture and user safety. To release the full potential of your product X-Technology<sup>®</sup> takes care of all aspects of industrial design, from initial visual identity development to the detailed design and specification of individual components.



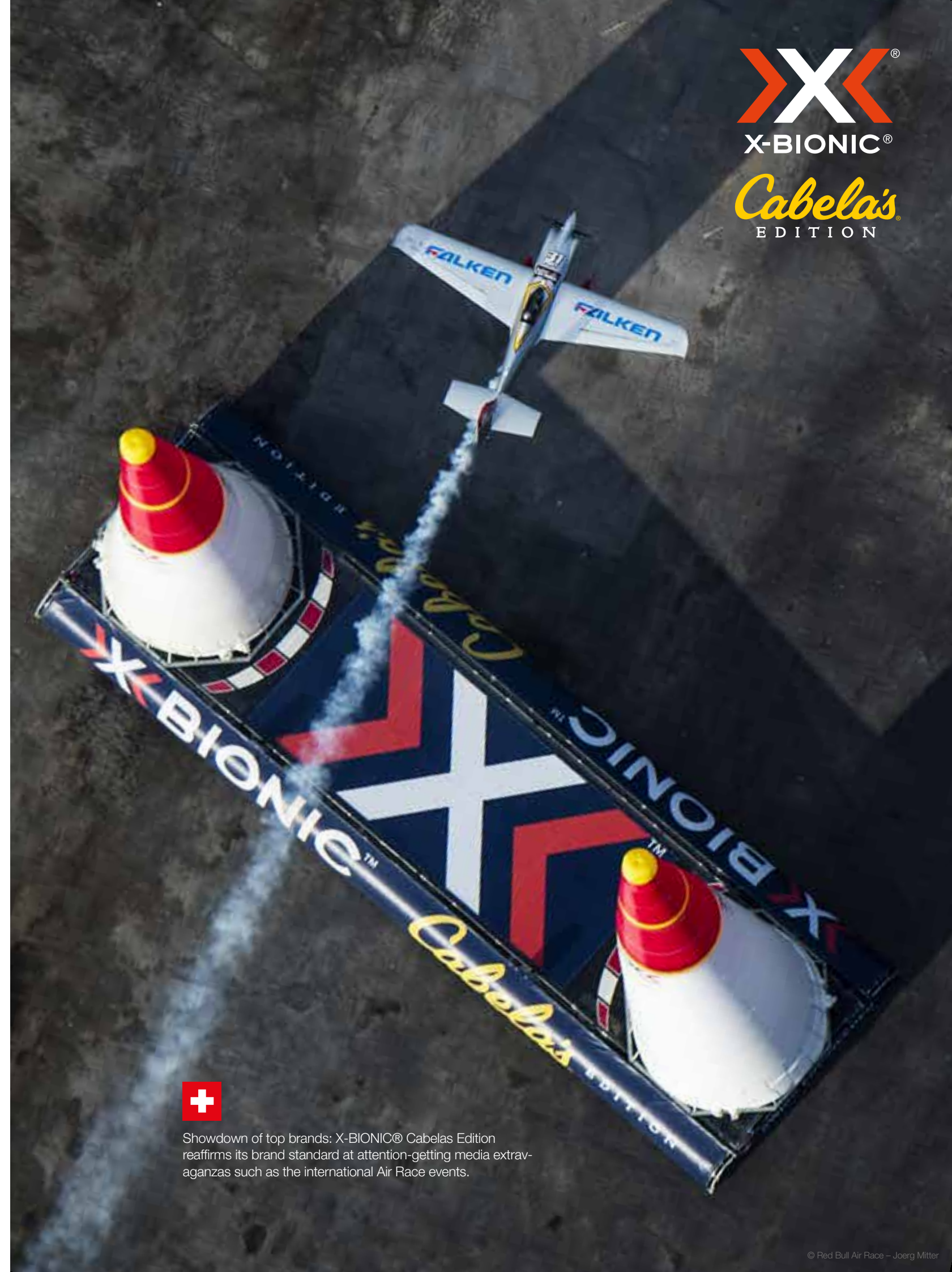
Where people and technology meet, in the cockpit of an aircraft or automobile-design, bionic solutions create fascinating product experiences.





# Discover completely new market segments. Brand cooperation with X-Technology® Swiss.

Millions of people in the USA are already familiar with Cabela's. This giant on the American sport and outdoor market operates an extensive network of subsidiaries and online stores. But until now, Cabela's hadn't yet penetrated into lucrative segments of the market with a high-tech brand of its own. That's why X-Technology® Swiss developed an expandable cooperative and product strategy. It led to specific functional concepts and a sophisticated assortment of high-tech functional wear named "X-BIONIC® Cabela's Edition", which sets standards today in all 50 states of the USA. Thanks to the brand cooperation initiated by X-Technology® Swiss, Cabela's has established itself in a high-margin segment for the first time, thus underscoring the experience and competence of its own brand.



Showdown of top brands: X-BIONIC® Cabelas Edition reaffirms its brand standard at attention-getting media extravaganzas such as the international Air Race events.



# Be the market leader of tomorrow. Brand development by X-Technology® Swiss.

X-Technology® Swiss creates identities. X-Technology® Swiss develops brands. A brand is the springboard for all marketing activity and a concept encompassing a range of characteristics which determine its nature. Brand development means creating an awareness of these characteristics. We make sure that your product sets itself apart from the competition through powerful and consistent presentation of your design, language, behaviour and communication. Whether developing, launching or even relaunching existing brands, X-Technology® Swiss provides the full range of strategic, tactical and creative expertise.



APANI® is a prime example of X-Technology® Swiss's successful approach. APANI® stands for "As pure as nature intended". It combines tradition with style and function with fashion. As a result an exciting new brand was born.





# You can create exclusive experiences. APANI® Residences. As pure as nature intended®

With X-Technology® Swiss, “brand environment” is much more than just a fancy marketing term. Our brand architects consistently think further than anyone else. An example: APANI®: APANI® embodies a unique way of life, supported by sheer, natural purity. People enjoy APANI® for clothes, furniture, wine, coffee and cigars. In APANI® residences they can now find exclusive living spaces too. Selected properties in Italy, Finland, Switzerland, Florida and the Dominican Republic create locations where the APANI® brand mystique becomes a stimulating sensory experience.



*as pure as nature intended®*



# Mould attractive lifestyles. x-bionic® yacht sphere.

The art of X-Technology® Swiss is to provide brands with a steady stream of unusual ideas. Only the truly innovative arouses great interest. With the spectacular x-bionic® yacht sphere concept, X-Technology® Swiss expands the scope of the X-BIONIC® and x-bionic® sphere brands on the world's oceans. A networked fleet of luxurious motor yachts and high-tech sailing yachts creates the perfect setting for extravagant events, for first-class entertainment and many illustrious guests. High-ranking representatives from politics, sports and business, investors, celebrities and jet-setters enjoy elegant dinner events and roaring parties, including networking and socialising at the highest level in the x-bionic® yacht sphere.



regattas

exclusive boat trips

entertainment

brand awareness

yacht parties

fotoshootings

celebrities

eventlocation





# Become part of global events. x-bionic<sup>®</sup> sphere, the universe of sports, leisure and innovation.

Successful Olympic teams hone their skills here to achieve their best performance in 27 disciplines. World-famous sports squads test out their medal strategies here and the starting signal is given here for many globally-relevant sporting events. The x-bionic<sup>®</sup> sphere is one of the most modern and high-profile sports venues in Europe. X-BIONIC<sup>®</sup> forms the setting for competitions in racing, water sports, track and field as well as world-class horse riding. In addition, the innovative resort offers over 1 million square meters of versatile meeting, wellness and leisure time facilities. The magic of the X-BIONIC<sup>®</sup> brand turns into a fascinating experience here.

  
**x-bionic<sup>®</sup> sphere**  
 the universe of sports, leisure  
 and innovation

More than  
**1,000,000 m<sup>2</sup>**  
 event and training complex.



**Olympic training center Slovakia**

 x-bionic<sup>®</sup> sphere Šamorín

x-bionic<sup>®</sup> aquatic sphere  
 x-bionic<sup>®</sup> power sphere  
 x-bionic<sup>®</sup> equestor sphere  
 x-bionic<sup>®</sup> racing sphere  
 x-bionic<sup>®</sup> athletic sphere  
 x-bionic<sup>®</sup> strato sphere  
 x-bionic<sup>®</sup> private sphere  
 x-bionic<sup>®</sup> convention sphere  
 x-bionic<sup>®</sup> gymnastic sphere  
 x-bionic<sup>®</sup> teamsport sphere  
 x-bionic<sup>®</sup> wellness sphere  
 x-bionic<sup>®</sup> expo sphere  
 x-bionic<sup>®</sup> flavour sphere



# Create emotion, increase sales. Communication by X-Technology® Swiss.

X-Technology® Swiss has a reputation for creating emotional brands that resonate strongly with our consumers. Integrated marketing strategies and a highly emotional customer approach are central to our success. X-Technology® Swiss offers the full spectrum of state-of-the-art communication to build successful brands – from advertising and packaging design to exhibition and shop design. We also provide graphic user interface design, icon and logo design, product graphics, labelling, and packaging design. Our team of experts can utilize any tool available to produce results that ultimately boost your business.



**Take the initiative!**  
We look forward  
talking to you.

Tell us about your business, your vision, your ideas, your hurdles. It will astonish you to see what is really possible with a team of first class innovators that only think outside the box behind you. If you think you're ready to explore and get radical, we're the people to speak to.

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**MARKETING  
COMMUNICATION  
FUNCTIONAL  
WEAR DESIGN  
AUTOMOTIVE  
AVIATION  
CONSULTING  
YACHT  
FOOD  
BRAND DESIGN  
RESEARCH  
DEVELOPMENT**