

# THINK TEGRATED THINK INFRANOMIC®!



# The future of production infrastructure in buildings is interconnected

INFRANORM®: For economically successful companies, healthy, satisfied employees, and a clean environment!

Welcome to the era of high-performance production! But with new challenges come new opportunities. At INFRANORM®, we have been specializing since 2004 in creating innovative solutions for production infrastructure and hall conditioning that meet the highest requirements.

From economic efficiency and environmental regulations to energy cost optimization – we have the answers. With our holistic, networked **INFRANOMIC® Engineering approach**, we ensure operational reliability and create clean, comfortable workplaces for healthy and happy employees. With our exceptional hall conditioning solution, Sustainable Hall Conditioning, we are setting completely new standards in terms of cost-effectiveness and sustainability. Get ready to break through the boundaries of production infrastructure!

At INFRANORM®, we see challenges as a springboard for groundbreaking solutions.

We achieve perfection through our comprehensive approach, which is based on the latest scientific findings, innovative research, and a unique practical focus.

With our holistic **INFRANOMIC® Engineering** approach, we optimize the framework conditions and achieve quantum leaps in functionality. We are shaping the future of production infrastructure.



Those who want to be successful today and in the future must think in an exceptional, sustainable, and networked way.

**Christian Lindner** 

Founder & CEO



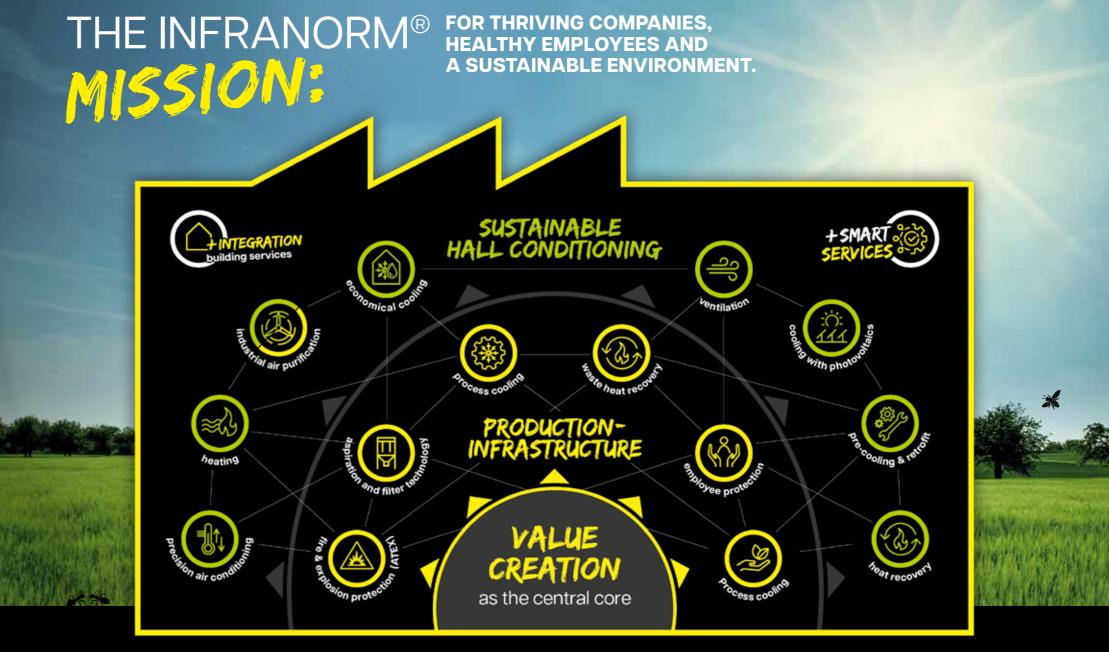
#### A new perspective on infrastructure.

Our INFRANOMIC® Engineering places the value-creation process at the center. By considering the building, the production process, and the environment as a whole, we identify synergies, reduce costs, and improve system performance for the long term. This approach has been recognized with numerous awards since our founding.









We design sustainable plants based on comprehensive INFRANOMIC® engineering and provide complete services to ensure functionality over the entire life cycle.



# PRODUCTION FOR SUSTAINABLE PRODUCTIVITY Sustainable systems emerge where technology and nature work together in INFRANORM® harmony – step by step, as at INFRANORM®.

# Your production runs perfectly and efficiently

The seamless integration of your production and our production infrastructure allows you to concentrate fully on creating value without distractions. Everything runs like clockwork, providing you and youremployees with a healthy and comfortable working environment. At INFRANORM®, we set new standards in efficiency and innovation.

Welcome to the future of production.

- Better results through optimized infrastructure
- Reliable production processes
- Healthy and comfortable workplaces
- Efficent use of energy resources
- Long service life of filter systems, minimal maintenance requirements







#### **Employee safety**

Compliance with MAK & TRK values
Comfortable workplaces



#### **Aspiration and filter technology**Dust, oil, oil fumes, cooling lubricants

Sticky media, solvents



#### Fire & explosion protection (ATEX)

Constructive explosion protection
Explosion suppression systems
Extinguishing systems for filters and pipelines



#### **Emission and immission control**

Pollutants Noise

Odors



#### **Process cooling**

Free cooling, well and Ground water systems Refrigeration technology



#### Heat recovery

Heat pump systems
Heat recovery systems
Material & media preheating
Energy extraction



#### Industrial air purification

Layer & displacement systems Integrated heating, cooling, fresh air, ...



# Gamechanger in ecology and energy

We have made the networking of production infrastructure standard. With our revolutionary INFRA-NORM® Hall Conditioning, we are shaping the future of hall conditioning today. We rely on the water cycle, not expensive coolants. We recover heat instead of simply losing it. INFRANORM® Hall Conditioning combines cooling, heating, ventilation, energy, and air purification into a groundbreaking concept, ushering in a new era. This makes production halls and the complex production processes that take place within them fit for the future. Ecologically, commercially, and for your employees.

Welcome to the future! Innovation knows no limits - and we certainly don't either.

- **Perfect production conditions**
- Lower operating costs
- **Higher employer attractiveness**
- Long term asset protection for facilities and buildings
- Disruptive hall cooling









#### **Economical cooling** Up to 95 % reduction in energy costs Up to 95 % reduction in CO, emissions

compared to compression cooling Limiting the maximum room humidity



#### Precision air conditioning

Up to 60 % smaller refrigeration unit Up to 60 % lower CO<sub>2</sub> emissions and operating costs, Humidification and dehumidification



Heat pump, electricity Gas, hot water



#### Presicion air conditioning

Pressure control, maximum fresh air volumes, odor reduction



#### **Cooling with photovoltaics**

CO<sub>2</sub>-neutral and energy-self-sufficient



#### **Pre-cooling & retrofit**

Upgrade for existing systems Replacement of cooling systems



#### Heat recovery

Process waste heat utilization Heat exchanger systems Circular flow systems Ventilation without heating costs



#### **Industrial air purification**

Layer & displacement systems Integrated heating, cooling, fresh air, ...





# Our drive? Satisfied customers

Our best practice stories show how our projects took off, the challenges we overcame, and the innovative solutions we delivered.

We are incredibly proud of all our customers, the collaboration, and the success stories that have resulted. That's why we are proud to share them.













SCAN THE CODE ... and see how we







# Our passion? **Success stories**

Our customers have achieved impressive results with our groundbreaking climate control solutions. Find out how we have overcome challenges together and developed sustainable, cost-efficient solutions that go far beyond conventional approaches.

We are proud to share these inspiring stories.







revolutionize your production environment!

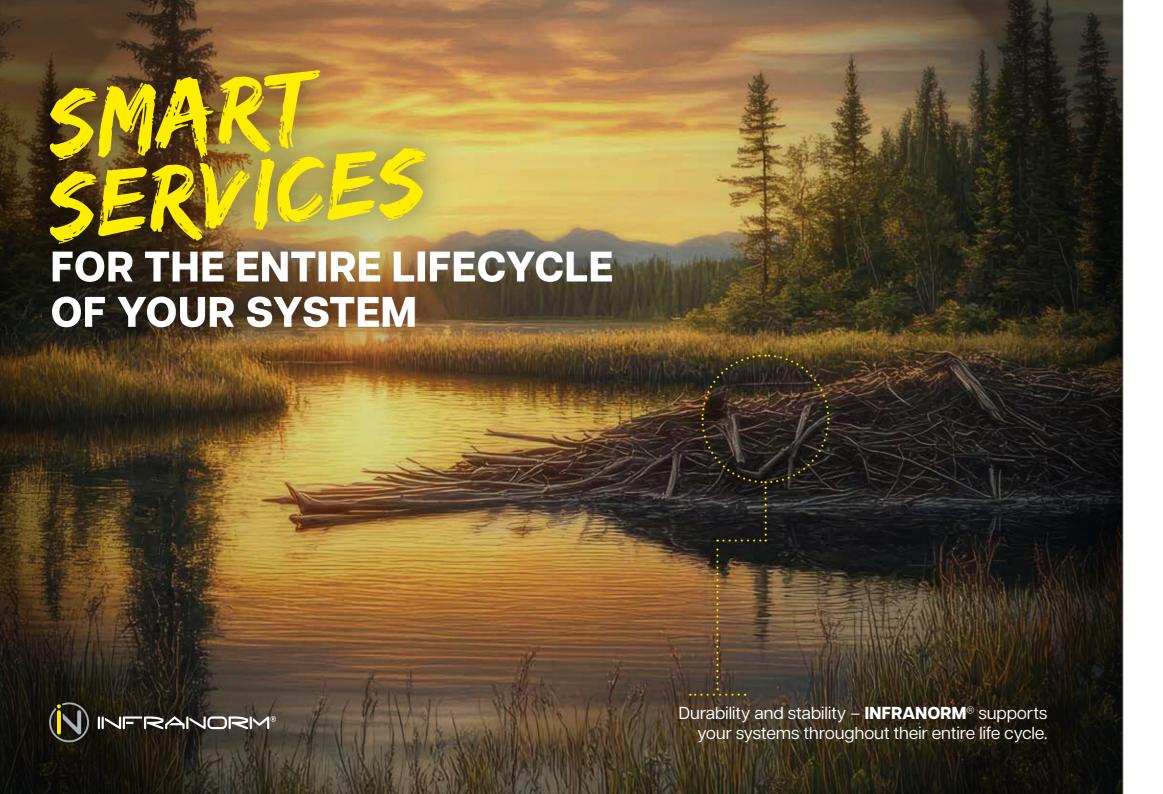












# To keep it perfect

We are pioneers in engineering. From the very beginning, we have focused on the big picture – optimal function, cost-effectiveness, and operational reliability are a matter of course for us. Our projects are designed to last and require minimal maintenance. But that's not all. At INFRANORM®, we are changing the standard and shaping the future with innovations!

With our comprehensive service, we ensure that your plant functions perfectly and remains economical throughout its entire service life.







Extended system service life







### Our services for your entire system

- + System inspections
- + Lifecycle checks
- + Spare parts management
- + Optimization
- + Emission monitoring
- + Reports
- + Remote maintenance support
- + Long-term maintenance packages



# 10 out of 10 points

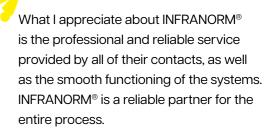
We promise to deliver the best solutions and take care of the construction of first-class plants.

But we don't just want to talk – we want to see action! That's why we rely on your reviews.

They are the yardstick by which we measure ourselves and which drives us to constantly improve.

Quality is our top priority at INFRANORM®. Our goal is to challenge conventions and set new benchmarks.

Let's push the boundaries together and exceed your expectations!



Michael Manthey Head of Project Management

Senior Project Manager at ITG Induktionsanlagen GmbH





We ensure **quality through continuous evaluation** of our project managers' reports. Customer contact is our top priority – before, during, and after every successfully completed project. Each customer is treated individually, which enables us to document and evaluate a wide range of opinions and suggestions and implement them in future projects. Thanks to state-of-the-art technologies and our many years of experience, we are able to present **tailor-made concepts** right from the project planning phase. The satisfaction of our customers is often reflected in the ratings they give us, which are often the **highest possible score of 10 points**.







### Expertise, safety, and an absolute focus on quality

- + Risk analysis
- + 3D planning
- + Virtual reality
- + Quality management
- + Customer reviews
- + Long-standing partners
- + Cooperation with research institutions



# HARD WORK AND CONSISTENT COMMITMENT

#### **SUCCESS AS THE BEST ARGUMENT:**





German/Austrian Environmental Management Award

Awarded by the Federal Ministry for the best environmental innovation

Winner of the Pegasus Business Award in the category "Innovation King", bronze medal

Recipient of numerous other business and innovation awards



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