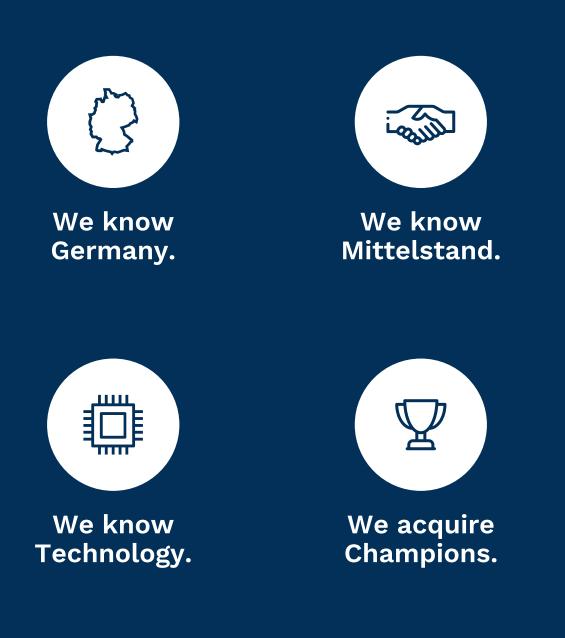


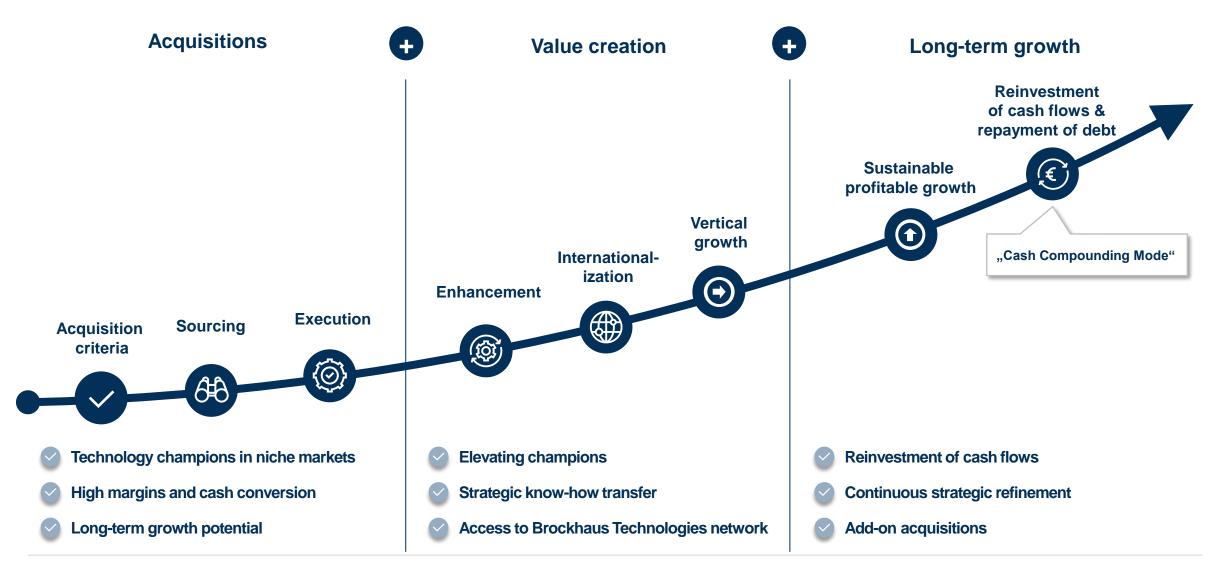
## The Gateway into German Mittelstand Technology Champions

March 2024

# Elevating Champions



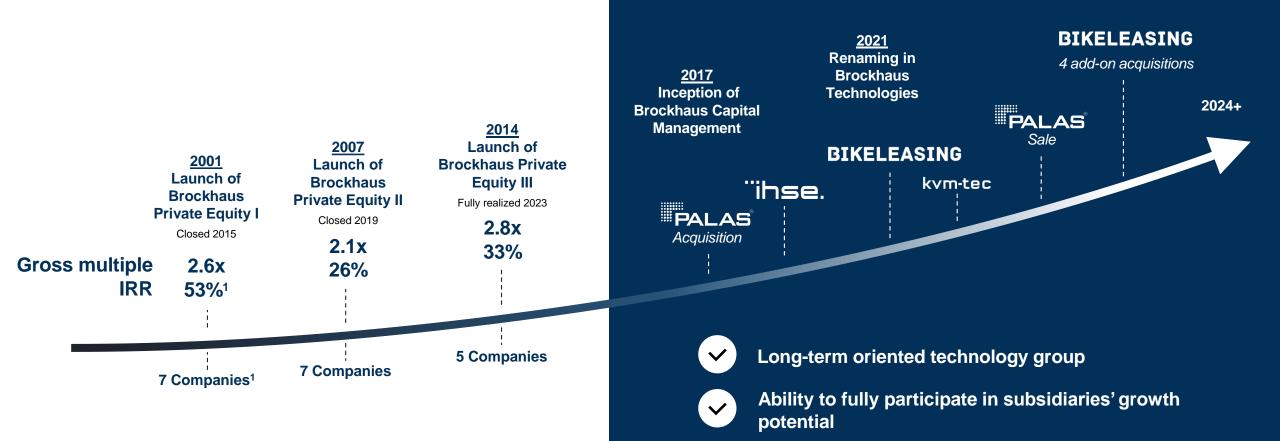
## Building one of Germany's leading technology groups



#### BROCKHAUS TECHNOLOGIES

### >20 years track record of delivering superior returns to investors





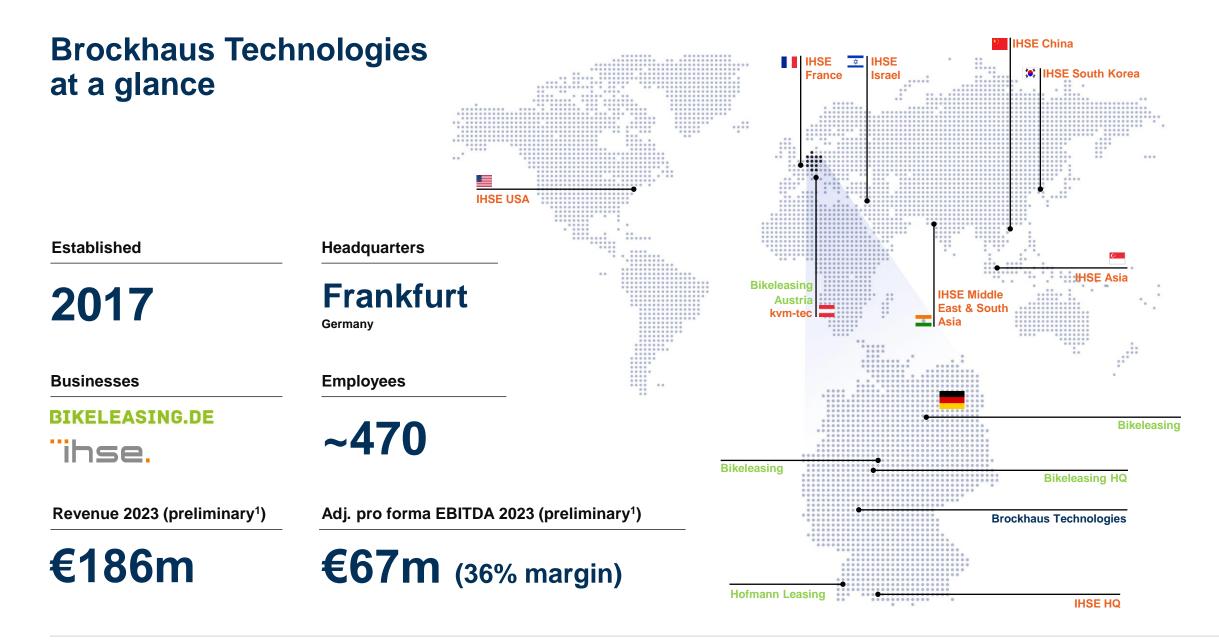
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cash flows



Note: Gross multiple refers to sales proceeds from disposal divided by historical **BROCKHAUS** acquisition costs. IRR refers to internal rate of return. Gross figures into accounts costs and fees incurred holding or selling a company. acquisition costs. IRR refers to internal rate of return. Gross figures do not take 1. Excl. venture capital investments

Sustainable profitable growth and reinvestment of





## **Exceptional team, incentivized to increase shareholder value**

#### **Brockhaus Technologies** team

Owning ~23% of **BKHT** share capital



Marco Brockhaus Founder / CEO Management Board



Dr. Marcel Wilhelm COO / Legal Counsel Management Board



Paul Göhring Acquisitions



Harald Henning Finance



Yannick Moyles-Johnson Operations

ihse.

EXECUTIVE COMMITTEE

#### **Subsidiary** management

Owning ~7% of **BKHT** share capital



**Bastian Krause** Co-CEO

Paul Sinizin

**Stephan Garabet** Co-CEO

**BIKELEASING.DE** 



Michael Maretzke

СТО



Dr. Enno Littmann CEO



**Supervisory** board

Owning <1% of **BKHT** share capital



Dr. Othmar Belker Chairman



Michael Schuster Vice-Chairman



CFO

Martin Bestmann Member



Dr. Nathalie Krebs Member



Prof. Dr. Christoph Hütten Member



Matthias Memminger Member



## KPIs by segment as per 9M 2023 (pro forma)

| -€ thousand            | Financial Technologies |         | Security Technologies |         | Central Functions<br>and Consolidation |         | Group                |         |
|------------------------|------------------------|---------|-----------------------|---------|--|---------|----------------------|---------|
|                        | Pro forma<br>9M 2023   | 9M 2022 | 9M 2023               | 9M 2022 | 9M 2023                                | 9M 2022 | Pro forma<br>9M 2023 | 9M 2022 |
| Revenue                | 113,185                | 84,967  | 29,500                | 24,096  | (1)                                    | 2       | 142,684              | 109,065 |
| Revenue growth         | 33.2%                  |         | 22.4%                 |         | -                                      |         | 30.8%                |         |
| Gross Profit           | 72,973                 | 53,173  | 22,024                | 17,709  | 265                                    | 180     | 95,262               | 71,062  |
| Gross Profit Margin    | 64.5%                  | 62.6%   | 74.7%                 | 73.5%   |  |         | 66.8%                | 65.2%   |
| Adjusted EBITDA        | 51,832                 | 39,148  | 7,787                 | 5,395   | (4,474)                                | (3,739) | 55,145               | 40,804  |
| Adjusted EBITDA Margin | 45.8%                  | 46.1%   | 26.4%                 | 22.4%   |  |         | 38.6%                | 37.4%   |
| Adjusted EBIT          | 49,708                 | 37,842  | 6,743                 | 4,549   | (4,564)                                | (3,834) | 51,887               | 38,557  |
| Adjusted EBIT Margin   | 43.9%                  | 44.5%   | 22.9%                 | 18.9%   |  |         | 36.4%                | 35.4%   |

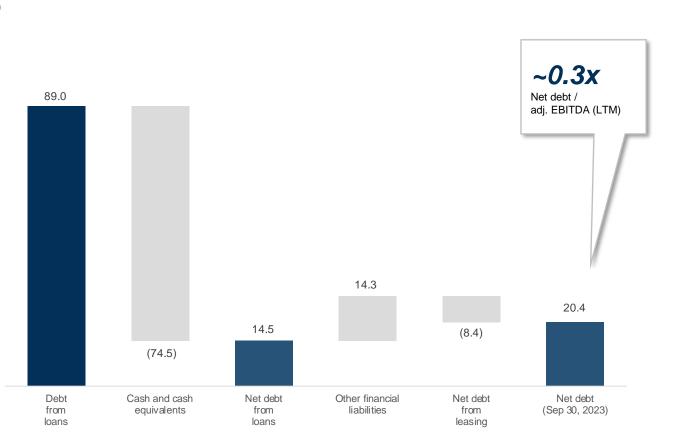
#### Total cash and cash equivalents of €74.5 million as per end of September 2023



## Very solid balance sheet composition

#### Net debt calculation as per 9M 2023

#### (€ million)



### Highlights



Available financing capacity driven by significant deleveraging allows for future growth through new acquisitions



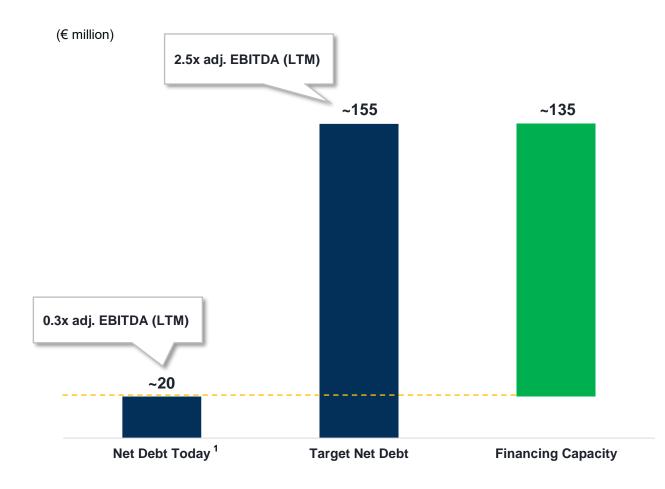
Very conservative leverage ratio of ~0.3x adj. EBITDA (LTM) (target value of ~2.5x)



High balance sheet quality underlining resilience of our business



# Indicative exemplary calculation of existing, non-dilutive financing capacity as per 9M 2023





## Group Forecast FY 2023

Well on track building one of Germany's leading technology groups



 Not adjusted for PPA effects; for details on the alternative performance measures, please refer to page 85 onwards of our 2022 Annual Report. Revenue €165m - €175m (2022: €143m<sup>1</sup> ] +16 to +23%)

**Preliminary**<sup>2</sup>:

€186m (+31%)

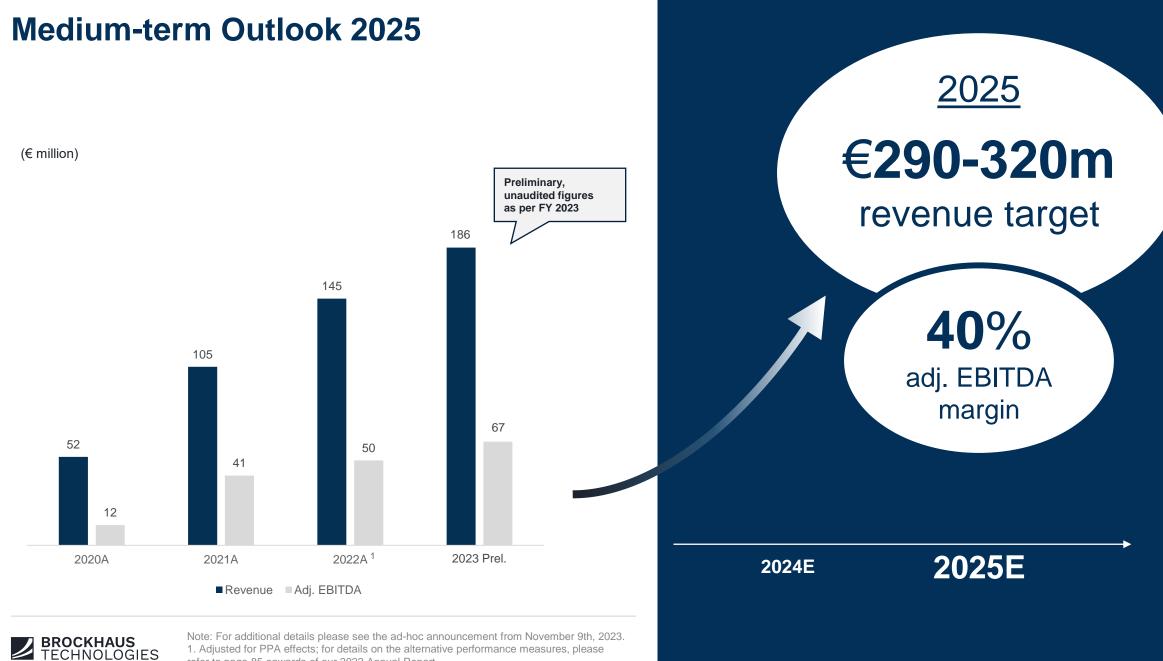
### Adj. EBITDA

# €58m - €61m

(2022: €47m; 33.2% margin<sup>1</sup> | +22 to +29%)

Preliminary PF Adj. <sup>2</sup>: €67m (36% margin) Preliminary Adj. <sup>2</sup>: €62m (33% margin)

2. Preliminary, unaudited figures as per FY 2023.



1. Adjusted for PPA effects; for details on the alternative performance measures, please

refer to page 85 onwards of our 2022 Annual Report.

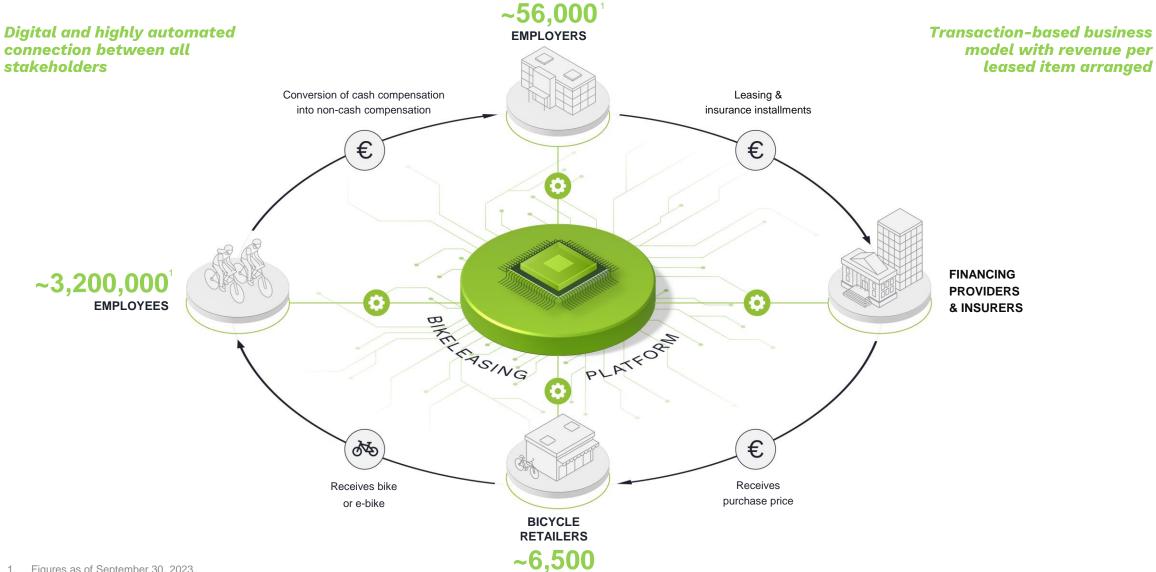
## **BIKELEASING.DE B2B FinTech for employee benefits**

#### **KPIs FY2022 Company overview Exceptional platform performance** in thousand new leasing objects Bikeleasing as a FinTech provides B2B customers with a leading digital €109m platform for leasing of employee benefits (today bicycles) +90% CAGR The platform enables the highly automated connection between retailer, Revenue<sup>1</sup> employee, employer, financing provider and insurer Mainly transaction-based business model with revenue per facilitated 118 leasing object €47m Brockhaus Technologies' share: 52% Adj. EBITDA<sup>1</sup> 82 **Diversified customer base (selected)** 63 43% ADAC # ะยาวิท BwFuhrpark SERVICE DATEV Adj. EBITDA margin<sup>1</sup> 32 Gothaer KÄRCHER ERGO *x*euronics **LUFTHANSA GROUP** 15 ~200 **POCO** müller RITZENHOFF Rödl & Partner Marc O'Polo 16A 17A 18A 19A 20A 21A 22A 23E

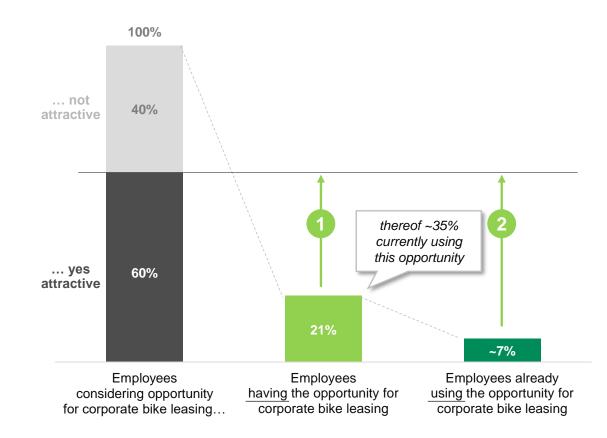
Employees

BROCKHAUS TECHNOLOGIES

## Visualization of the business model



## Significant white space in the German Market



#### Strategic focus backed by market data



#### Market penetration

Increasing the number of corporate customers on the Bikeleasing platform



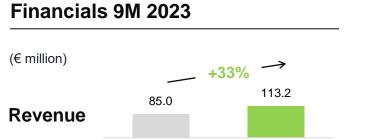
#### **Driving utilization rates**

Increasing the % of employees within a company using the Bikeleasing solution



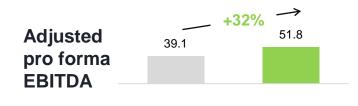
#### **BIKELEASING.DE**

## On continued strong growth path



**Operational update** 

+32% to ~131,000 # of facilitated bikes in 9M 2023



~56,000 # of corporate customers with a total of ~3.2 million connected employees



#### **Increasing liquidity**

despite the acquisition of two sales agencies (€8.5m) and the voluntary full repayment of the senior loan in October 2023

#### Levers for future growth



Expand market penetration by continuously onboarding new corporate customers



Increase usage rates in already onboarded corporate customers



Extending the platform by additional employee benefits next to bicycles



**Continued internationalization** 



Note: For definitions and detailed explanations of the alternative performance measures, please refer to page 85 onwards of our 2022 Annual Report and page 14 onwards of our Quarterly Statement 9M 2023.



#### KPIs FY2022

"ihse.

€36m

Revenue

**€9m** Adj. EBITDA

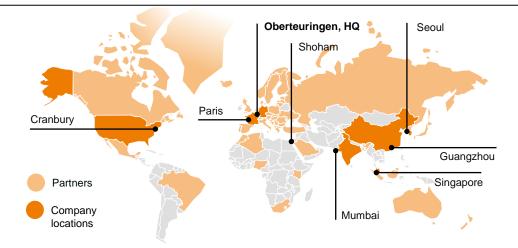


~160 Employees

#### **Company overview**

- KVM (keyboard, video and mouse) technology for the highly secure and low latency transmission of data in mission-critical applications
- Strategic acquisition of KVM-over-IP manufacturer kvm-tec establishes IHSE as a one-stop-shop for KVM solutions
- Cross-sectional technology with customers in Air Traffic, Governments, Healthcare, Transportation, Entertainment, Industrials, Automotive, Finance or Education
- Brockhaus Technologies' share: 100%

#### **Global presence directly and through partners**



#### **Products (selected)**

#### Extenders

**Switches** 





Converters & accessories







Video and keyboard Video and input signals are connected with the console unit

WORKS TATIONS



Console unit IP extender Decodes video, audio and data signals and makes these visible to the user

Video and keyboard Video and input signals are connected with the console unit



Proprietary KVM technology

and high-security separation

enables high-performance

of workstations and their

respective computers

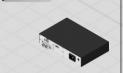
Console unit extender Decodes video, audio and data signals and makes these visible to the user

Enables access from every workstation to every computer,

where each signal has its own

always guaranteed

dedicated path with broadband, performance and security



Computer unit extender Encodes video, audio and data signals from the source and sends them to the workstation via network cables



#### **IP-based KVM technology**

Draco IP bridge

Seamlessly links the proprietary

IHSE architecture with the IP-

based kvm-tec architecture

IP-based KVM technology enables real-time-based interconnection and transmission of KVM signals between the workstation and remote computers in a more flexible and cost-efficient manner than proprietary solutions

# Strong position in the well-protected market for high-performance data transmission

#### Market mapping

#### **Barriers to entry**

#### High Performance End Market

Mid- & Low-

**End Market** 

- "Mission-critical" applications
- Certification requirements
- Highest reliance / quality requirements
- Premium pricing
- Fewer players



#### **Certification and security standards**

provide access to key end markets that are inaccessible to other players



#### High switching costs

High initial set-up costs increase customer stickiness and cross-/ upsell potential

To

Intellectual property as key success factor in premium KVM market IHSE's rich history of R&D provides the firm with a significant competitive edge

- Standard solutions
- Low range / volume
- Commoditized bulk market
- Lower margin
- Many players

#### Key security certifications and standards of IHSE

National Information Assurance Partnership – NIAP PP4



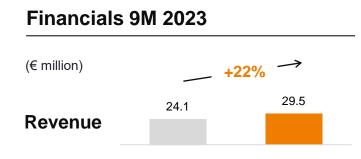
#### Common Criteria Evaluation Assurance Level – CC EAL 4+



- US security standards required in highestsecurity projects
- European security standard required in highest-security projects



# Rebound growth following Covid intact



#### **Operational update**

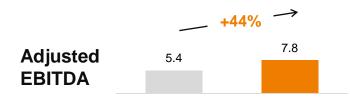
Post-Covid rebound with +22% revenue growth especially due to a continued strong

development in Americas

#### Levers for future growth



Continued market penetration with proprietary, new IP, hybrid and certified "secure KVM" solutions



#### Continued strong EBITDA margin with ~26%

above level of the previous year (~22%) despite increased expenses for trade shows / travel as well as a group-wide IT project



## Order backlog remains at a high level of ~€10m

despite strong conversion into revenue, fueling optimism for end of the year and the coming months

# 

Growth in currently under-penetrated end markets (e.g. certified markets, healthcare, industrials or e-sports)



Development of completely new applications (e.g. control rooms for autonomous driving)



## **PALAS** High value realization through sale of Palas after successful further development under the roof of Brockhaus Technologies

Development since acquisition by BKHT in Dec. 2018



Almost doubling of revenue (~€12m to ~€21m), EBITDA (~€3m to ~€7m) and EBIT (~€3m to ~€6m) from 2018 to 2021



Successful international expansion with market entry and strong expansion in Asia

founding subsidiaries in Hong Kong and Shanghai as well as establishing a local team of ~10 employees



## Setup of scalable structures for further growth e.g. by expanding the management

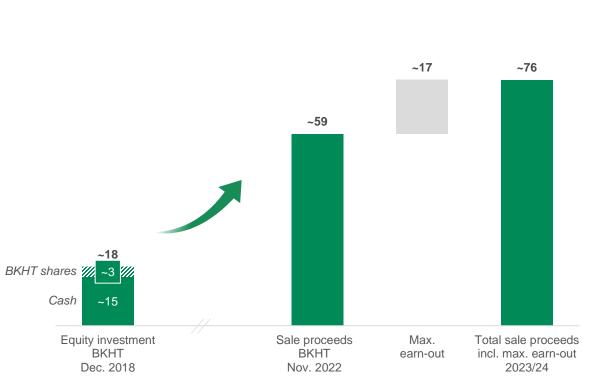
including hiring a CSO and CFO as well as establishing an advisory board consisting of industry experts from the BKHT-network

## Implementation of a targeted growth strategy into new markets and applications a g in the unregulated market or through the proprietary-developed.

e.g. in the unregulated market or through the proprietary-developed data platform for air quality monitoring my-atmosphere.net

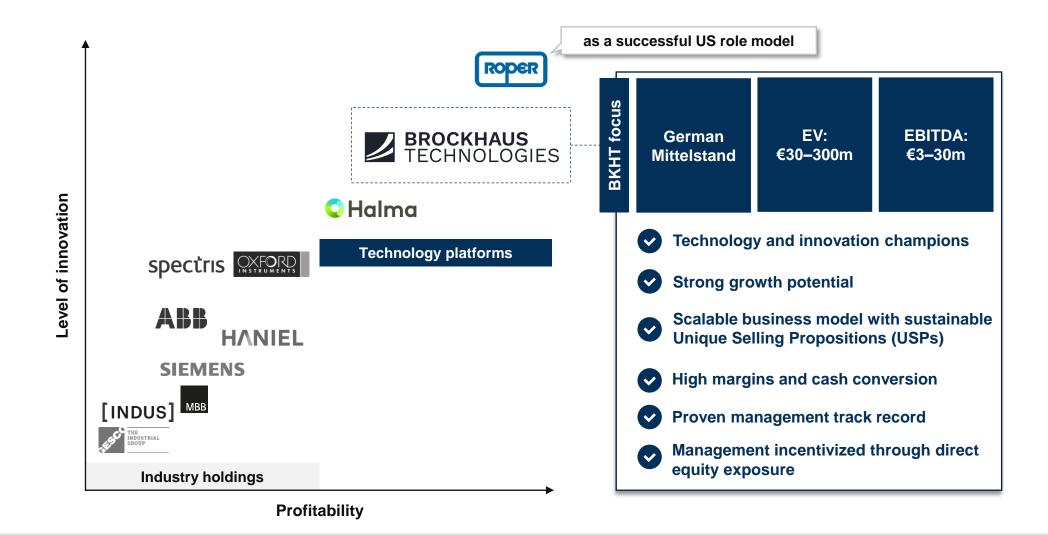
#### Value realization through sale of Palas

(€ million)





## Uniquely positioned with a proven and successful business model







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