

# The Gateway into German Mittelstand Technology Champions

# **Elevating Champions**



We know Germany.



We know Mittelstand.

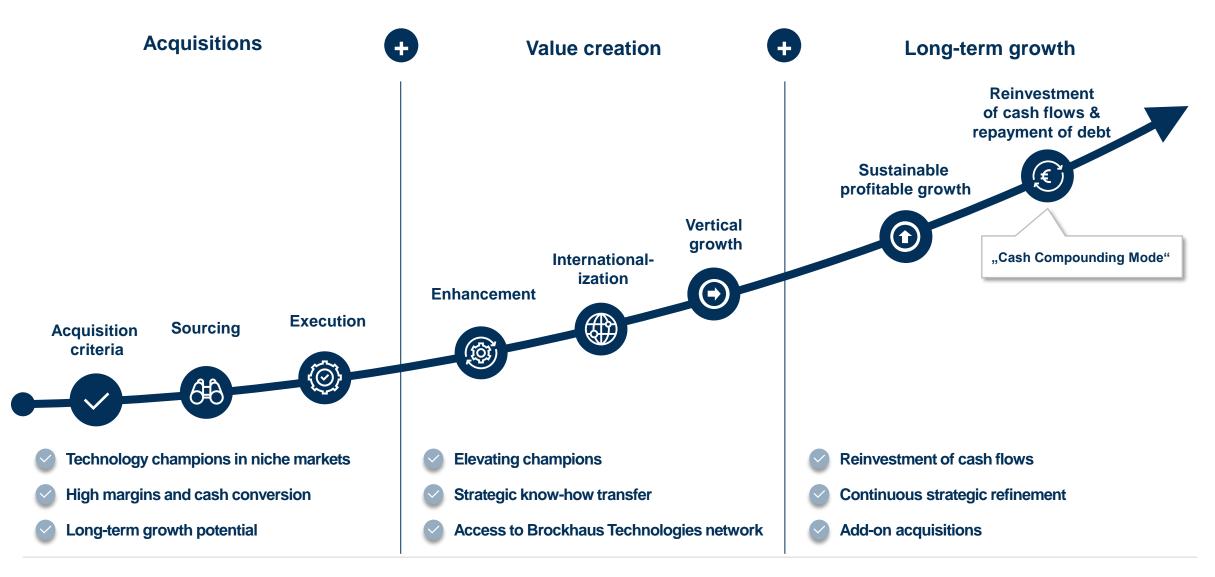


We know Technology.



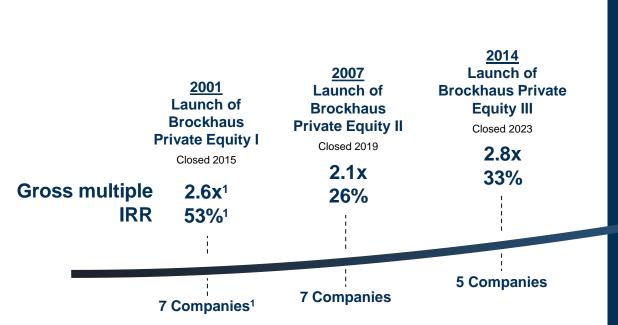
We acquire Champions.

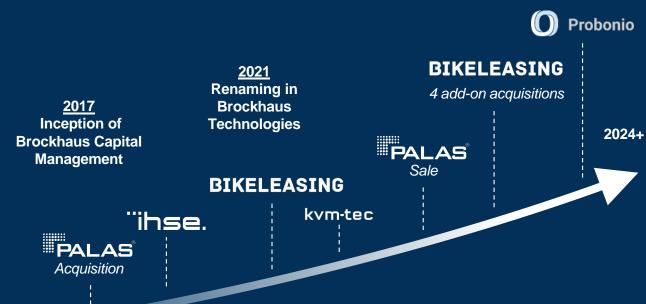
## **Building one of Germany's leading technology groups**





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





- Long-term oriented technology group
- Ability to fully participate in subsidiaries' growth potential
- Sustainable profitable growth and reinvestment of cash flows



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

# **Brockhaus Technologies** at a glance

IHSE USA

**Established** 

2017

**Businesses** 

**BIKELEASING.DE** 

"ihse.

Revenue 2023

€187m

Headquarters

**Frankfurt** 

Employees

Germany

~470

Adj. pro forma EBITDA 2023

**€67m** (36% margin)

IHSE South Korea Bikeleasing **IHSE Middle Bikeleasing Bikeleasing Bikeleasing HQ Brockhaus Technologies Probonio** Lesora **IHSE HQ** 

IHSE China



## Exceptional team, incentivized to increase shareholder value

**Brockhaus Technologies team** 

Owning ~24% of outstanding **BKHT** shares



Marco Brockhaus Founder / CEO Management Board



Dr. Marcel Wilhelm COO / Legal Counsel Management Board

**BIKELEASING.DE** 



Paul Göhring Acquisitions



**Harald Henning** Finance



Yannick Moyles-Johnson Operations

**EXECUTIVE COMMITTEE** 

## **Subsidiary** management

Owning ~7% of outstanding **BKHT** shares



**Bastian Krause** Co-CEO





**Paul Sinizin** Co-CEO



Stephan Garabet CFO



Michael Maretzke CTO





Dr. Enno Littmann CEO



**Michael Spatny** CSO

## **Supervisory** board

Owning <1% of outstanding **BKHT** shares



Dr. Othmar Belker Chairman



Michael Schuster Vice-Chairman



Martin Bestmann Member



Dr. Nathalie Krebs Member



Prof. Dr. Christoph Hütten Member



**Matthias Memminger** Member



## KPIs by segment (Q1 2024)

 (€ thousand)	Financial Technologies		Security Technologies		Central Functions and Consolidation		BKHT Group	
	Q1 2024	Pro forma Q1 2023	Q1 2024	Q1 2023	Q1 2024	Q1 2023	Q1 2024	Pro forma Q1 2023
Revenue	32,366	25,145	7,258	8,293	-	1	39,624	33,439
Revenue growth	28.7%		(12.5%)				18.5%	
Gross Profit	21,275	16,421	5,239	6,245	105	89	26,619	22,755
Gross Profit Margin	65.7%	65.3%	72.2%	75.3%			67.2%	68.1%
Adjusted EBITDA	12,045	10,648	518	1,603	(1,202)	(1,333)	11,361	10,918
Adjusted EBITDA Margin	37.2%	42.3%	7.1%	19.3%			28.7%	32.7%
Adjusted EBIT	11,311	10,032	142	1,267	(1,232)	(1,364)	10,221	9,934
Adjusted EBIT Margin	34.9%	39.9%	2.0%	15.3%			25.8%	29.7%

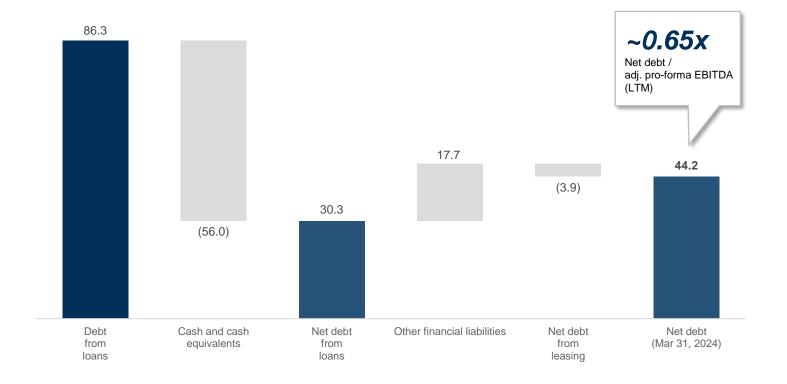
## Total cash and cash equivalents of €56 million as per end of March 2024



## Constant net leverage well below the target level

## Net debt calculation as per Q1 2024

(€ million)



## **Highlights**



Available financing capacity allows for future growth through new acquisitions



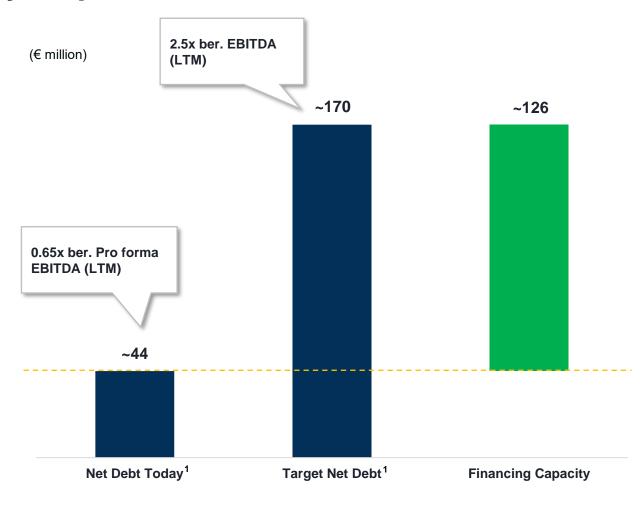
Conservative leverage ratio of ~0.65x adj. pro-forma LTM EBITDA (target value of ~2.5x)



High balance sheet quality underlining resilience of our business



# Indicative exemplary calculation of existing, non-dilutive financing capacity as per end of March 2024





## Group Forecast FY 2024

On track to build one of Germany's leading technology groups.

Revenue **€220m** - **€240m** 

(2023: €187m | +18% to +29%)

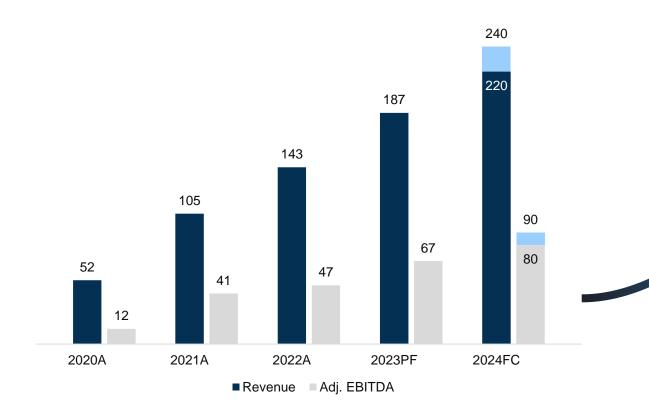
Adj. EBITDA €80m - €90m

(2023: €62m | +29% to +45%)



## **Medium-term Outlook 2025**

(€ million)



2025
€290-320m
revenue target

40%
adj. EBITDA

2025E

margin



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

#### **KPIs FY23**

€146m

Revenue

€63m

Adj. EBITDA1

43%
Adj. EBITDA margin<sup>1</sup>

~300

**Employees** 

#### **Company overview**

- Bikeleasing as a FinTech provides B2B customers with a leading digital platform for leasing of employee benefits (today bicycles)
- The platform enables the highly automated connection between retailer, employee, employer, financing provider and insurer
- Mainly transaction-based business model with revenue per facilitated leasing object
- Brockhaus Technologies' share: 52%

## **Diversified customer base (selected)**



















**LUFTHANSA GROUP** 

Marc O'Polo



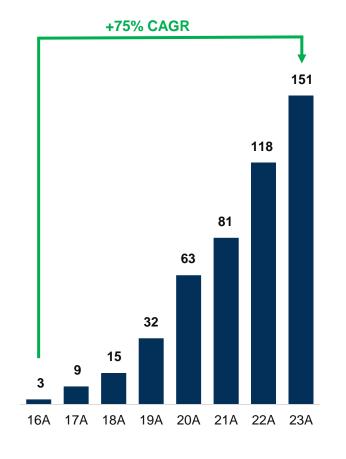




Rödl & Partner

## **Exceptional platform performance**

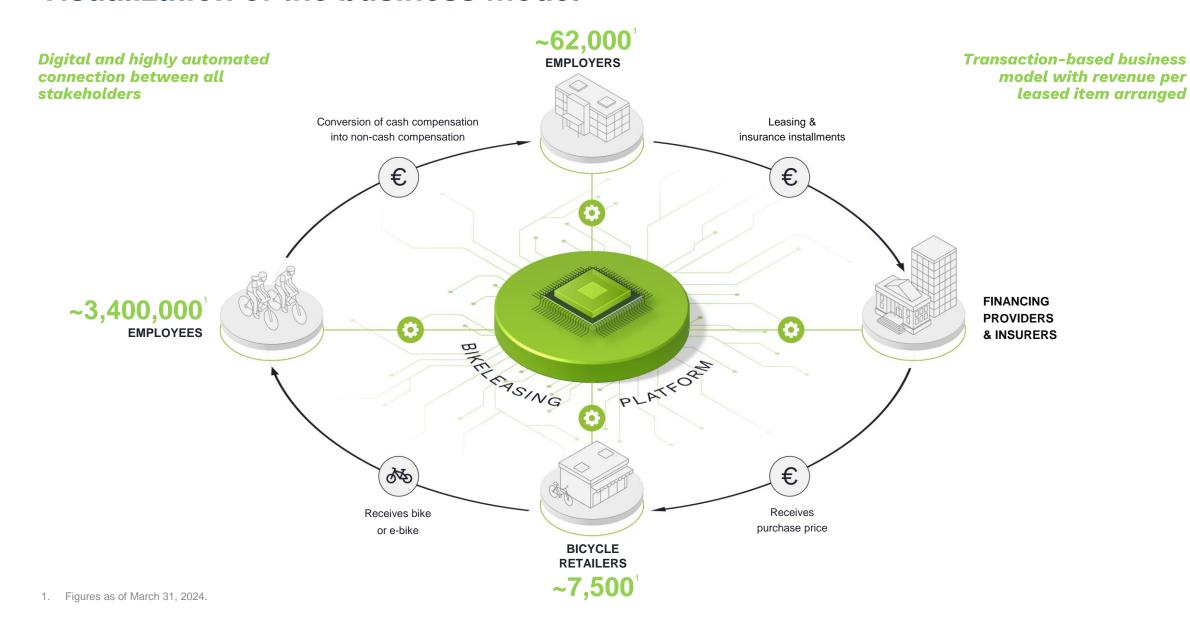
in thousand new leasing objects



BROCKHAUS TECHNOLOGIES

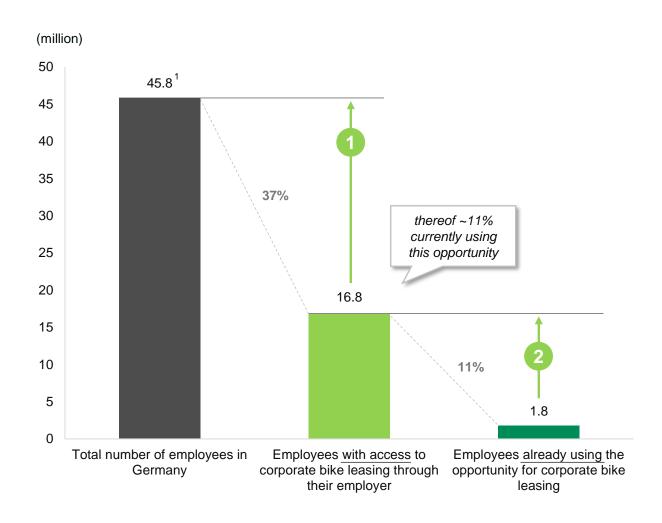
<sup>.</sup> These values are reported on a proforma basis.

## Visualization of the business model



13

## Significant potential 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



## On continued strong growth path

#### **Financials FY23**

## **Operational update**

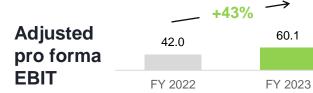




~62,000

# of corporate customers with a total of ~3.4 million

connected employees



## **Constant liquidity**

despite the acquisition of 4 sales agencies (€19.5m), the voluntary full repayment of the senior loan (€10m) in October and a distribution in December 2023 (€35m)

## **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** 



## Building a one-stop-shop for employee benefits



## **Company overview**

- Probonio is a Software-as-a-Service (SaaS) provider for the management of a wide range of employee benefits
- Through their proprietary platform and app, employers can currently offer their employees more than ten different benefits
- Benefits include inter alia: non-monetary benefits (vouchers), meal subsidies, corporate fitness, integration of providers for bicycle leasing and occupational pension schemes

## Strategic rationale

- Opportunity to offer <u>new customers</u> more benefits than just bike leasing, from the same hand
- 2. After the integration, the expanded benefits portfolio will be offered (upselling) to existing Bikeleasing customers (~62,000 companies; 3.4 million employees)
- 3. Increasing the penetration within existing customers' employee base, due to Probonio's significantly higher usage rate amongst employees as compared to Bikeleasing
- 4. Simplified internationalization, not being limited to bicycle leasing

## Software-based multi-benefit platform







## Technology leader for high performance data transmission

#### **KPIs FY23**

€40m

Revenue

€11m

Adj. EBITDA

**27%**Adj. EBITDA margin

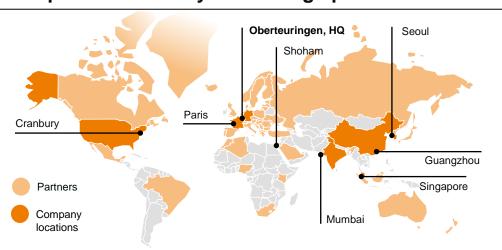
~150

**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** 



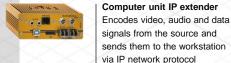
Converters & accessories







## Visualization of the business model



SOURCE COMPUTER

#### IP network switch Enables access from every workstation to every computer via an IP network



Video and keyboard Video and input

signals are connected

with the console unit

## "ihse.

#### The perfect addition

Proprietary KVM technology enables high-performance and high-security separation of workstations and their respective computers

Video and keyboard

#### **KVM** switch

Enables access from every workstation to every computer, where each signal has its own dedicated path with broadband, performance and security always guaranteed



#### Draco IP bridge

Seamlessly links the proprietary IHSE architecture with the IP-based kvm-tec architecture

NETWORK

#### Console unit IP extender

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



#### 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**

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



#### Console unit extender

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

"ihse.

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

#### Market mapping



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

Standard solutions

Low range / volume

Commoditized bulk market

- Lower margin
- Many players

#### **Barriers to entry**



#### **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



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

## 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**

#### **Financials FY23**



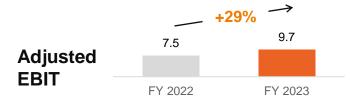
#### **Operational update**

Post-Covid recovery with +12% revenue growth especially due to a continued strong development in Americas



## Continuously strong EBITDA margin of ~27%

significantly above previous year's level (~24%) showcasing the high operational leverage of the business



## Order backlog at a normal level of ~€5m

Returning to a normal level after having received the largest order in the company's history in Q2 2023

## **Levers for future growth**



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



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



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





## 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

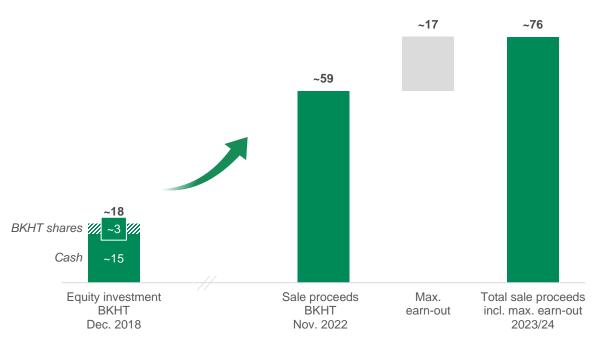


## Implementation of a targeted growth strategy into new markets and applications

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

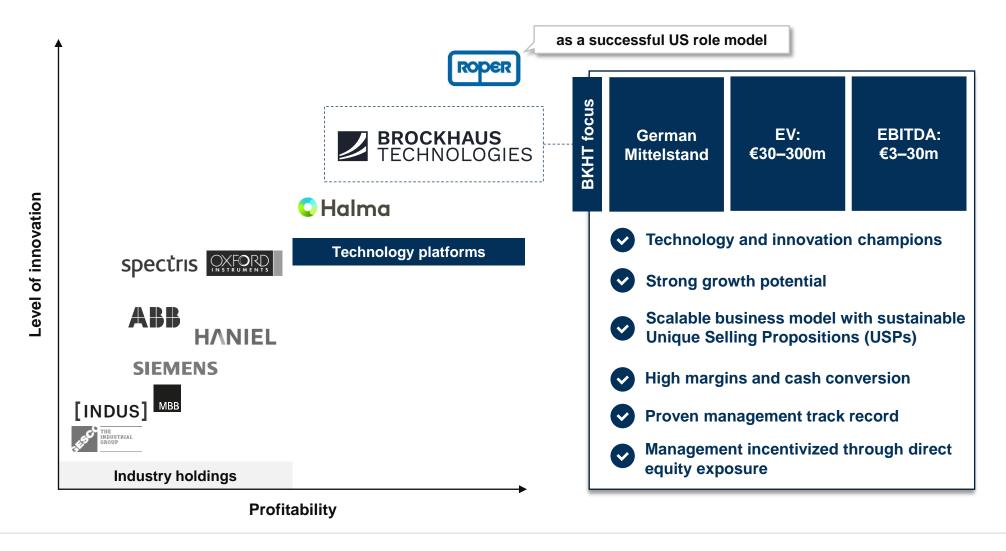
### Value realization through sale of Palas







## Uniquely positioned with a proven and successful business model







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