

 CIRCUS GROUP

# Embodied AI Systems for Autonomous Meal Supply



“We’re bringing **AI and robotics into everyday life**, creating the first embodied AI touchpoint at scale to fuel humanity.”

Nikolas Bullwinkel  
Founder & CEO Circus SE



# Circus SE is a global technology company pioneering embodied AI and autonomous robotic systems for the food service industry

CA-1 Series 4 deliveries  
starting from October '25

Serial Production of patented technology started



Global  
Manufacturing  
Partner

prepared to scale to  
6000 units/year

Patented

Core AI-robotics Tech

XETRA: CA1

Xetra listed since  
early 2024

2021

Founded in

5,000h +

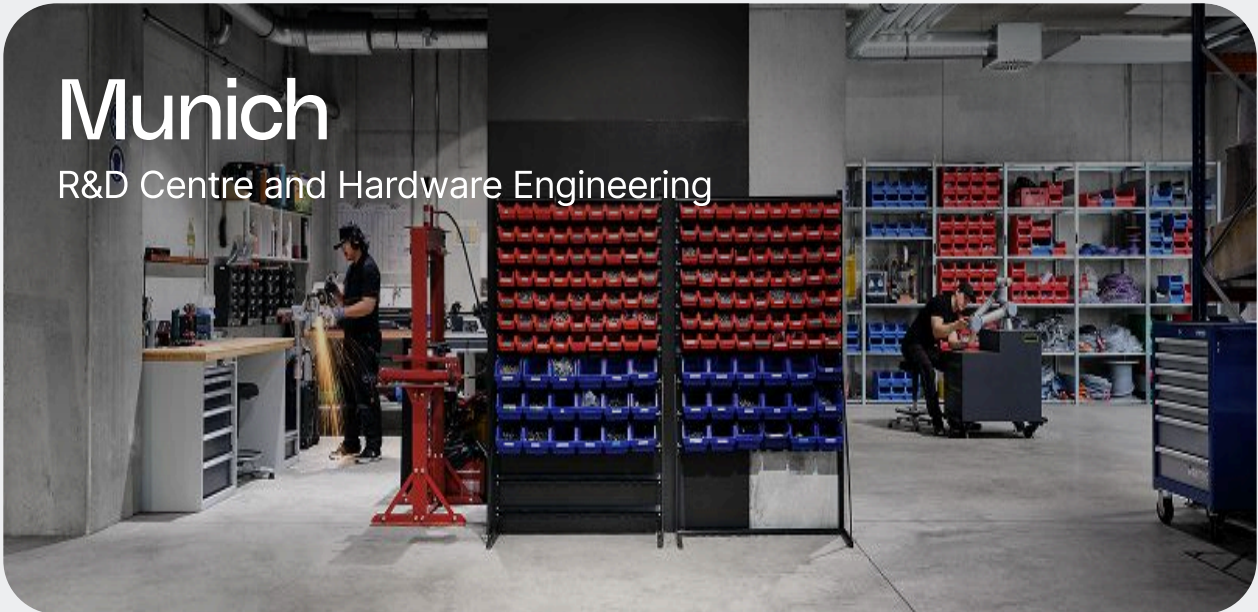
Robot Beta operations;  
>600k Meals sold

80+ AI & Robotic experts



Hamburg and Berlin

HQ (Hamburg); Software Engineering and Corporate Functions



Munich

R&D Centre and Hardware Engineering

# Founded and led by experienced leadership team with a strong track record in scaling companies into global market leaders



## Nikolas Bullwinkel

Founder & CEO

Co-Founder of Flink: Scaled the company to a European market leader in quick commerce - growing to 12,000+ employees across 140 locations in 18 months.

\$2.9B

Exit of Flink in 2021

2021

Founding Circus AI-robotics



## Claus Holst-Gydesen

Co-CEO

Former CEO of Viega for 10 years — led U.S. market expansion and doubled revenue despite global crises. Also served as CEO of Zwilling; Started Career at Arla & Lego.

\$2.3B

Doubling revenues as CEO of Viega

40

Years experience scaling and leading global enterprises



## Fabian Becker

CFO

Former partner at VC Flagship Founders. Previously management at global logistics company Auerbach Schiffahrt.

+20

Vessels under management

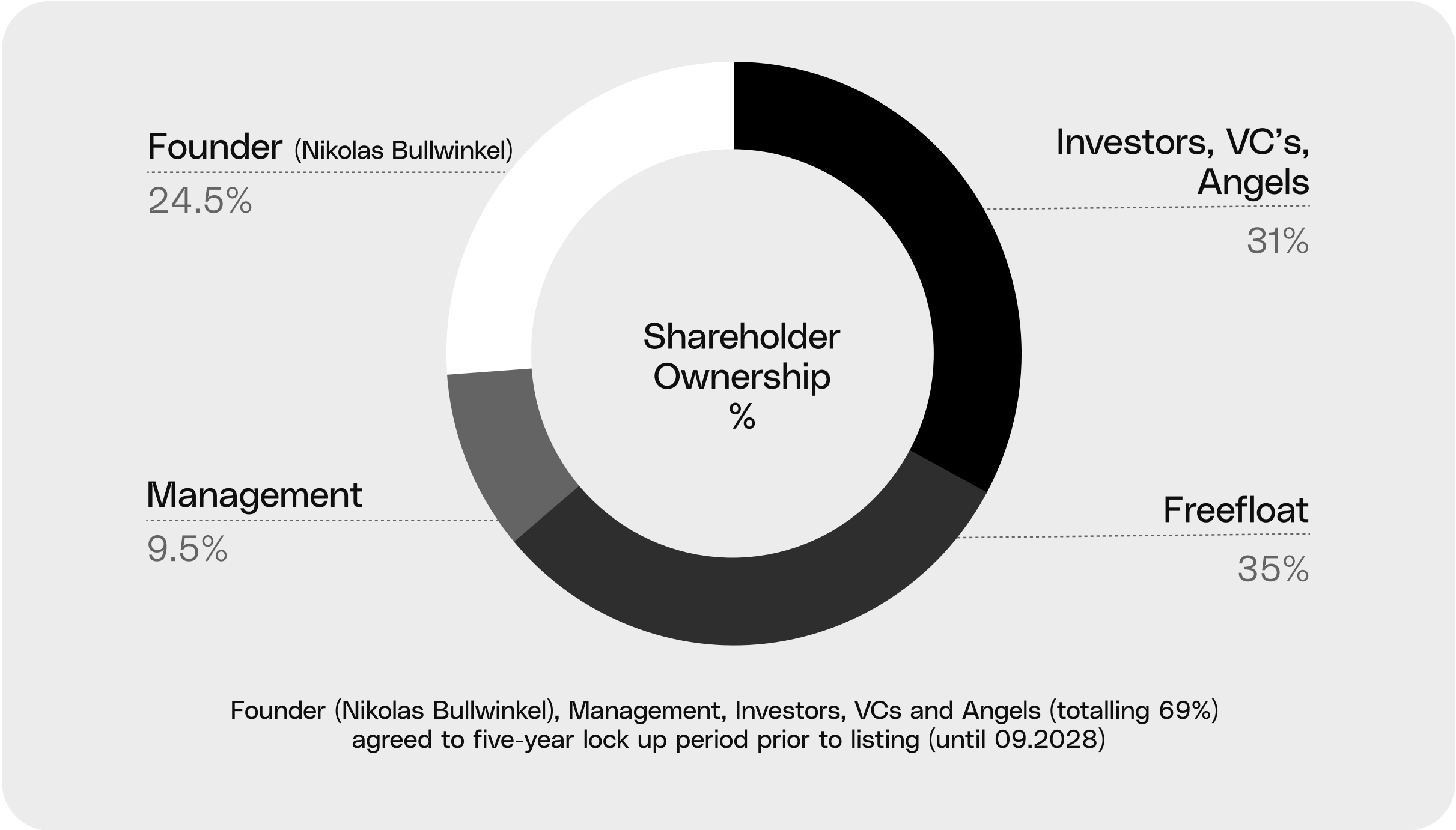
~€400M

Assets under management (AUM)



# Long-term committed investor base and management at Circus SE

As of June 2025



**CA1 (XETRA)**  
Since Jan 24

**24.19 M**  
Total Shares



# Expert leadership and advisory with outstanding industry track record

## Circus Senior VP Management Team:



**Ilona Schukina**

VP Operations  
Former CEO of warehouse robotics company Peak Porter AD. Previously leading Supply Chain and Logistics at Gorillas and Zalando



**Jan Sorgenfrei**

VP Engineering (Software)  
Former Head of Engineering at Aitme, acquired by Circus; Previously software development lead at Freenow (now Lyft)



**Jan Hesselbarth**

VP Defense  
Former Head of Global Engineering at RBI & Yum! Brands (owning e.g. Burger King). Previously COO and GM of fintech HomeHero.



**Haomiao Fang**

VP Hardware and Manufacturing  
Previously led the implementation of robotic process automation at Nissan Motor Manufacturing (UK) Ltd. Former Director of Manufacturing Engineering at EV manufacturer Arrival.



**Dr. Max Schwaller**

VP Commercial  
10 years of international sales leadership, including his role as Commercial Director for global retail at industry leader Rational.



**Sasha Borovik**

General Counsel  
20+ years of legal leadership in AI, tech, and defense, incl. roles at Microsoft and Helsing. Expert in global negotiations and IP strategy.



**Kasper Rørsted**

Advisor  
Former CEO of Adidas and Henkel. Supervisory Board of Siemens AG, Board of Directors of Lenovo Group Ltd (HK), and A.P. Møller-Mærsk.



**Hajo Riesenbeck**

Advisor  
Strategy expert with 30+ years at McKinsey with focus on Marketing & Sales. Advisor on M&A for family offices.



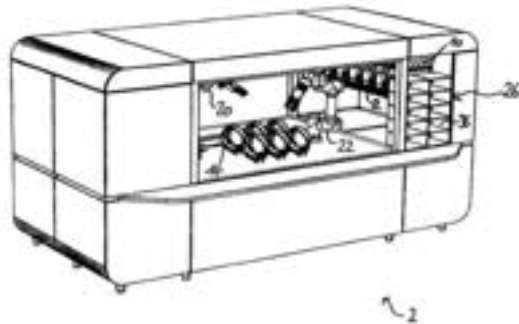
**Rainer-Christian Koppitz**

Advisor  
Senior roles at Siemens, Dell, and British Telecom. Co-founder of KATEK Group. Member in multiple boards.



# Ready to serve: Delivering on our commitments with customers deployments of our AI-robots starting now


Recent strategic achievements:



### AI-Robot Patent Granted

Received EU-wide patent for our proprietary AI-robotics core tech in April 2025.


Securing our innovation leadership across the region. US patent pending.



### Serial Production Unit one Completed

Secured up to 6,000 unit capacity p.a. with Celestica and initiated serial production of CA-1 Series 4.


Transitioned from factory setup phase to scalable, full-scale deployment.



### Received NATO Approval

Entered the defence sector with the all new CA-M.


Engineered for high-risk remote environments as first ever autonomous field kitchen. Deployments starting 2026.



### Starting REWE Rollout in October

REWE integration starting from Q4 2025 in multiple cities.

One of Germany's largest retailers with 15.000+ stores commits to deploying CA-1 in exclusive technology contract.



### Signed Meta as Launch Customer

Launching the first next-gen CA-1 autonomous system integrated at Meta's German offices.

Additional partnership in R&D for new interfaces and AI integrations - Commercial and Defense.



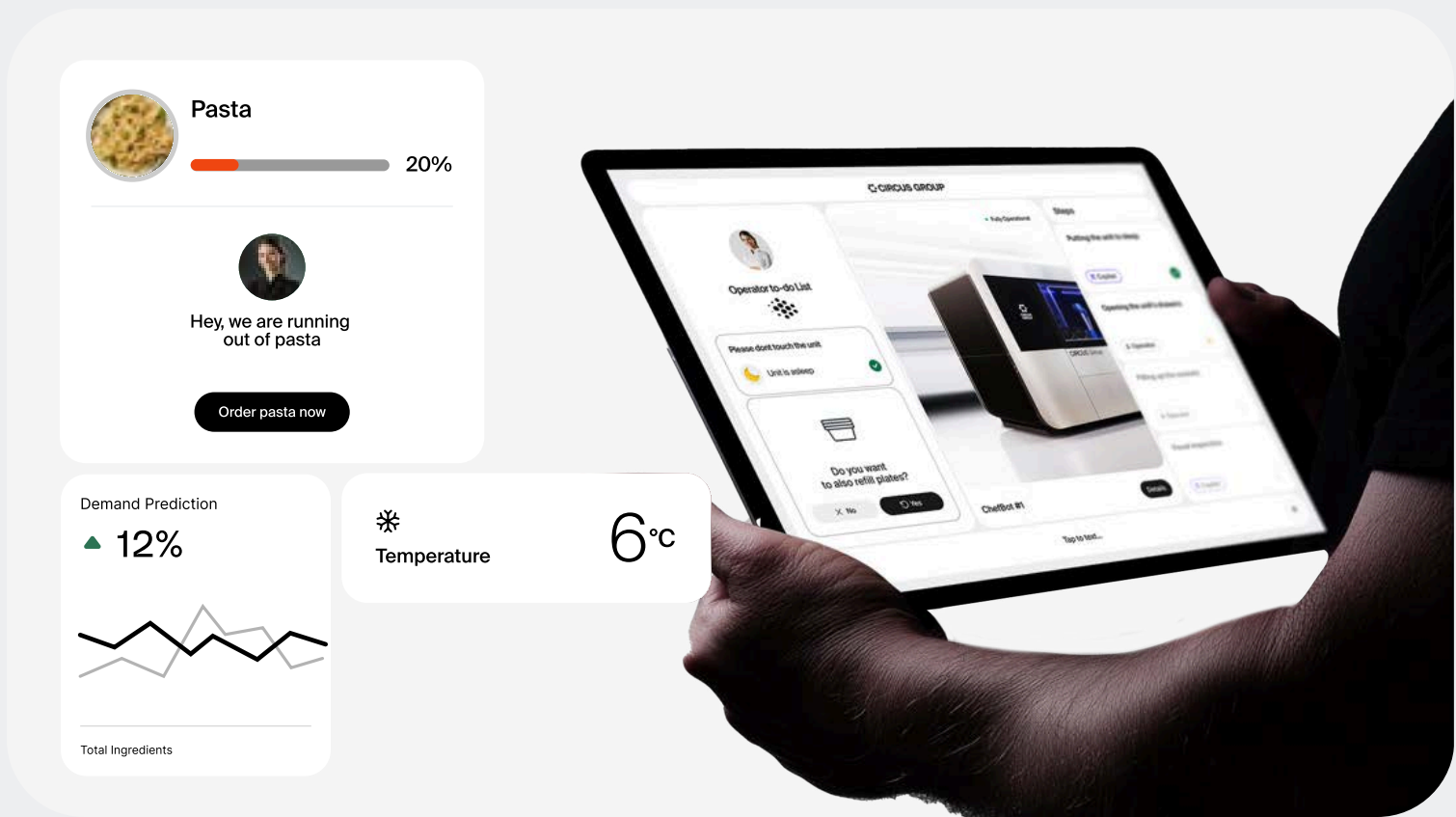
# Our Ecosystem: AI-first software platform with a robotics backbone

Delivering recurring value through our AI-first operating system, powered by our proprietary hardware for end-to-end automation

Modular monthly Enterprise SaaS: EUR 8-12k

## AI-first Operating System (CircusOS)

Our CircusOS developed to predict and automate operational tasks; controlling supply-chain and waste as hygiene compliance



+

Direct purchase: starting at EUR 250k

## Autonomous Robotics (CA-Line)

Fully autonomus meal production with no human involved, radically reducing labor complexity and fixed cost



# CA-1 Series 4: Our patented AI-robotics meal supply system

Designed for autonomous meal supply in commercial settings from retail to canteen replacements

Shipping Q3 2025



### Dispensing System

Smart silos track inventory and ensure optimal storage conditions.



### AI-Order Terminal

Interactive displays simplify ordering and enhance customer experience.



### Hygiene Module

Self-cleaning system for hygienic, low-maintenance operation.

powered by **winterhalter**



### Heated Pickup

8 heated slots keep meals at the perfect temperature and ensuring freshness.



### Computer Vision

AI-driven monitoring for operational control, maintenance, and quality assurance.



### Induction Heating

Precision cooking with rapid heating and energy efficiency.



### AI-Cobots

Automates dispensing, cooking, and plating for consistency and efficiency.



|                         |                                    |                    |
|-------------------------|------------------------------------|--------------------|
| 3-4 min<br>cooking time | +500<br>dishes per ingredient load | 7 sqm<br>footprint |
|-------------------------|------------------------------------|--------------------|



# Eliminating food service complexity with our scalable AI-robotics technology powering unlimited use cases



## Hospitality & Care

Hotels, Hospitals, Elderly Care, Events



## Institutions

University & Schools, Employee Catering



## Mobility & Retail

Gasoline stations  
Supermarkets, Airports



## Residential

Turning any building into a self-running foodcourt.



# CA-M Series 1: The world's first autonomous field kitchen

Defense first designed for field operations and remote high-risk environments

Launching in 2026



### Integrated Inventory Management

Smart silos track inventory and ensure optimal storage conditions.



### Intuitive Order Interface

Glove-compatible, multilingual terminals, voice assisted and low-light optimized.



### Self-Sanitizing System

Minimizes hygiene risk with automated wash cycles — no additional staff needed.



### Hot-Hold Meal Pickup

36 heated compartments ensure flexible, staggered food access.



### Automated System Monitoring

Computer vision continuously monitors system health and alerts — minimizing the need for on-site maintenance staff.



### Energy-Efficient Cooking

Induction-based system optimized for microgrid and generator use.



### Fully Robotic Process

Automated arms handle every step — cooking, plating, and dispensing.

|                                  |                          |                   |
|----------------------------------|--------------------------|-------------------|
| up to 36 h<br>off-grid operation | 1.500<br>dishes per load | 4,5 tons<br>weigh |
|----------------------------------|--------------------------|-------------------|



# Powered by CircusOS, our AI-native operating system for seamless workflows

Centralized operating system for managing, monitoring & maintaining CA-1 Robots



## System & AI-Robot Management

Live System Management & Control of CA-1 Units and Multi-Robot and User Management



## Intelligent Product & Inventory Control (PIM/ ERP)

AI based Demand & Waste Analytics Recipe, Wholesales, and Ingredient Management (+API Connections)



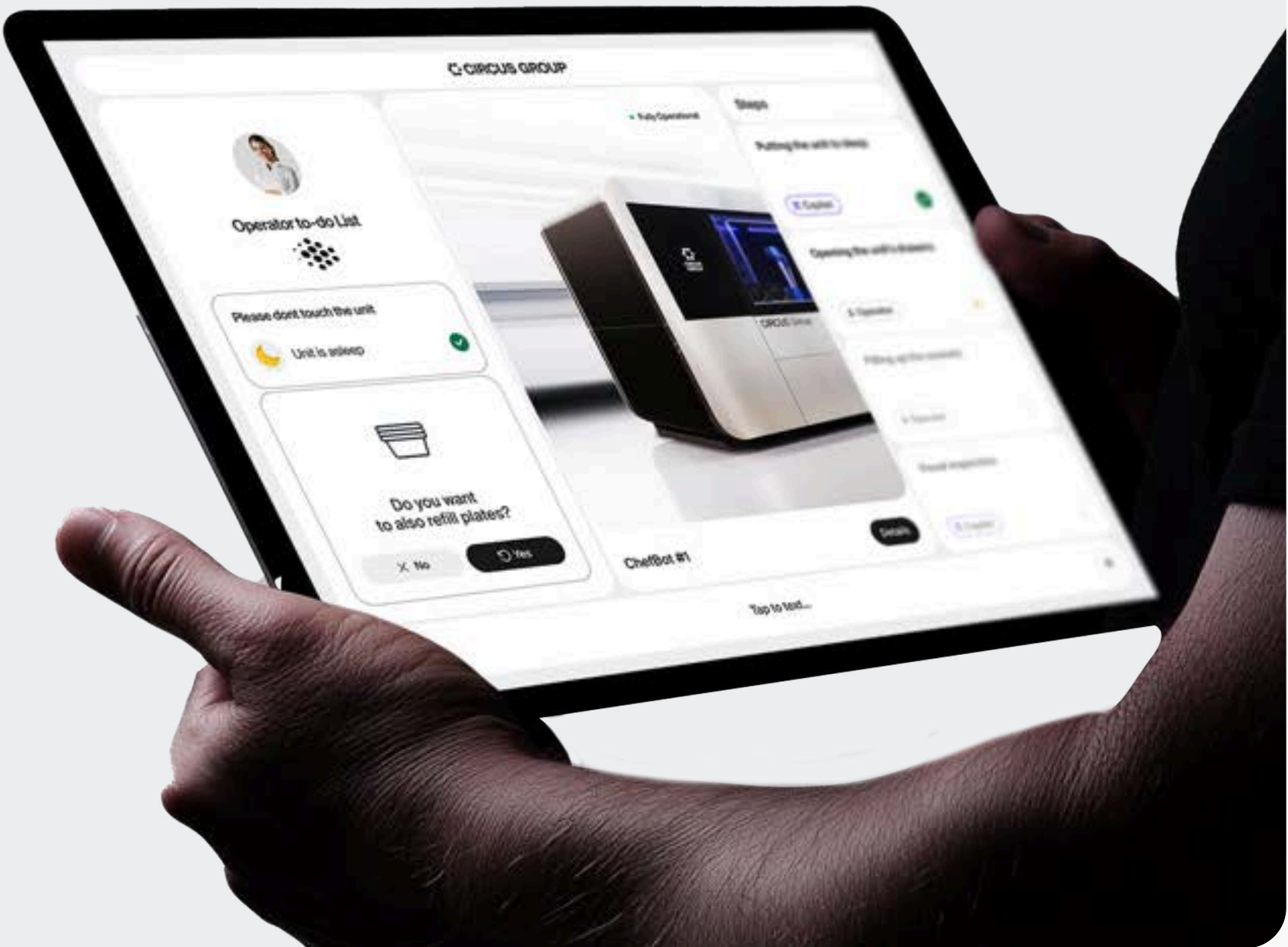
## Agentic AI Operational Guidance & Support

Proactive and interactive step by step guidance for maintenance; Task List Management by AI Agent



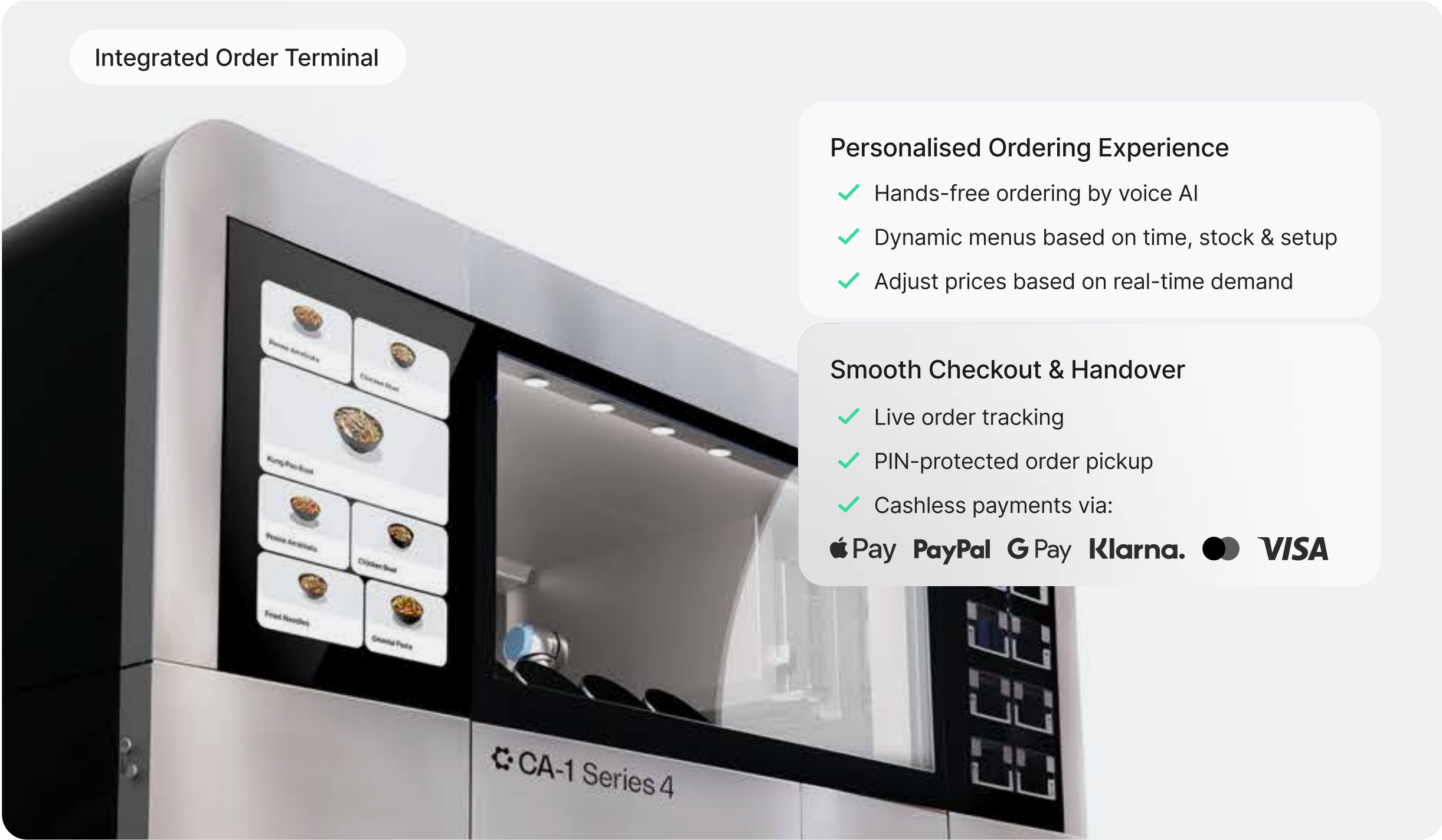
## Autonomous Compliance & Food Safety (HACCP)

Sensor based protocoling Integrated Computer Vision Systems for live monitoring and maintenance



# Seamless AI-powered ordering and payment system, capturing trillions of data points to understand customer behaviour and nutrition insights

Integrated Order Terminal




The image shows a modern, white, wall-mounted order terminal. The screen displays a grid of food items with images and labels: 'Kung Pao Beef', 'Chicken Salad', 'Peking Duck', 'Chicken Salad', 'Fried Noodles', and 'General Tso's'. Below the screen, the text 'CA-1 Series 4' is visible.

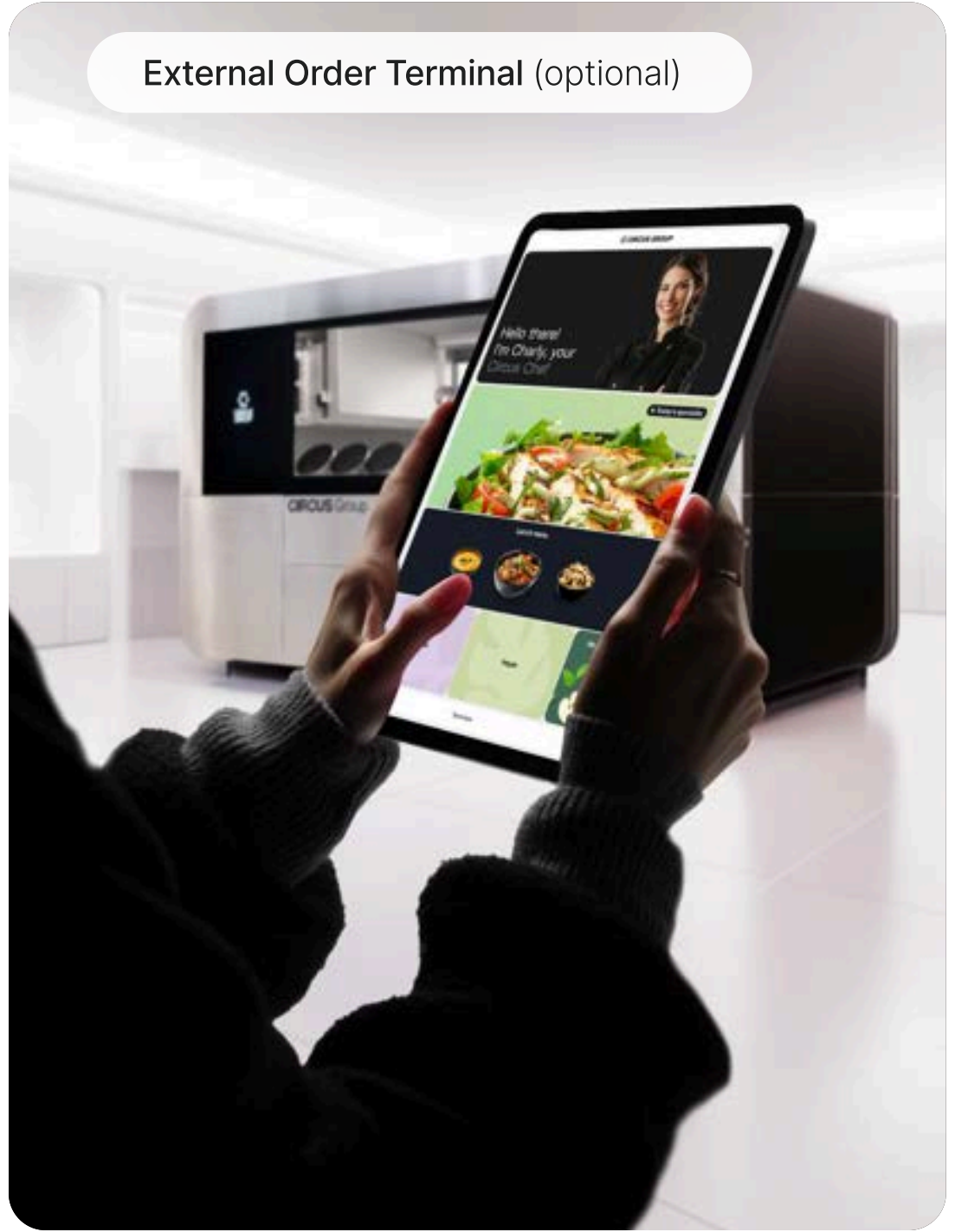
### Personalised Ordering Experience

- ✓ Hands-free ordering by voice AI
- ✓ Dynamic menus based on time, stock & setup
- ✓ Adjust prices based on real-time demand

### Smooth Checkout & Handover


- ✓ Live order tracking
- ✓ PIN-protected order pickup
- ✓ Cashless payments via:

**Apple Pay   PayPal   G Pay   Klarna.      VISA**

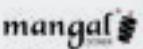






# Serving an endless range of healthy, delicious meals created by our AI and top-chefs; cooked by robotics



designed by  
**Lukas Podolski**



 **LUKAS PODOLSKI**



Creator Special

Protein

21 / 100 g

Carbohydrates

25 / 100 g

Sodium Levels

160mg

Fiber

6 / 100 g

Micronutrients


B12, Calcium, Iron, Vitamine D

Hydration Elements


Potassium, Magnesium

1678


kcal / meal




Bowls



Pasta



Salads




& much more

## Our Full-Service Culinary Intelligence

- > A wide range of ready-to-serve classics for every audience and season
- > Signature dishes and seasonal highlights co-created with leading culinary chefs and creators
- > Efficient ingredient sourcing through our trusted network of leading wholesale partners

Compatible with ingredients from established food wholesalers:

 **CIRCUS GROUP**

Circus SE (XETRA: CA1) | Company Teaser | 2025

# Scaling global production with world-class partners in manufacturing and advanced technology components



Celestica

Global Manufacturing Partner



LLaMA AI Models

**SIEMENS**

Electrical Systems



**UNIVERSAL  
ROBOTS**

Robotic Technology

**winterhalter**

Hygiene & Cleaning Technology



# Ready to scale with leading high-tech manufacturing partner Celestica

Serial Production live; Scaling to 6,000 units production capacity p.a. via Celestica (2025 Ramp up year)



## Global contract manufacturing & service partnership

Celestica (NYSE:CLS) is a \$10B global provider of product lifecycle services and north-America based leader in high-technology production for Industrial applications, HealthTech, Automotive and Aerospace.

6.000

Unit Capacity(p.a)

3-6 months

Lead time (order to production)

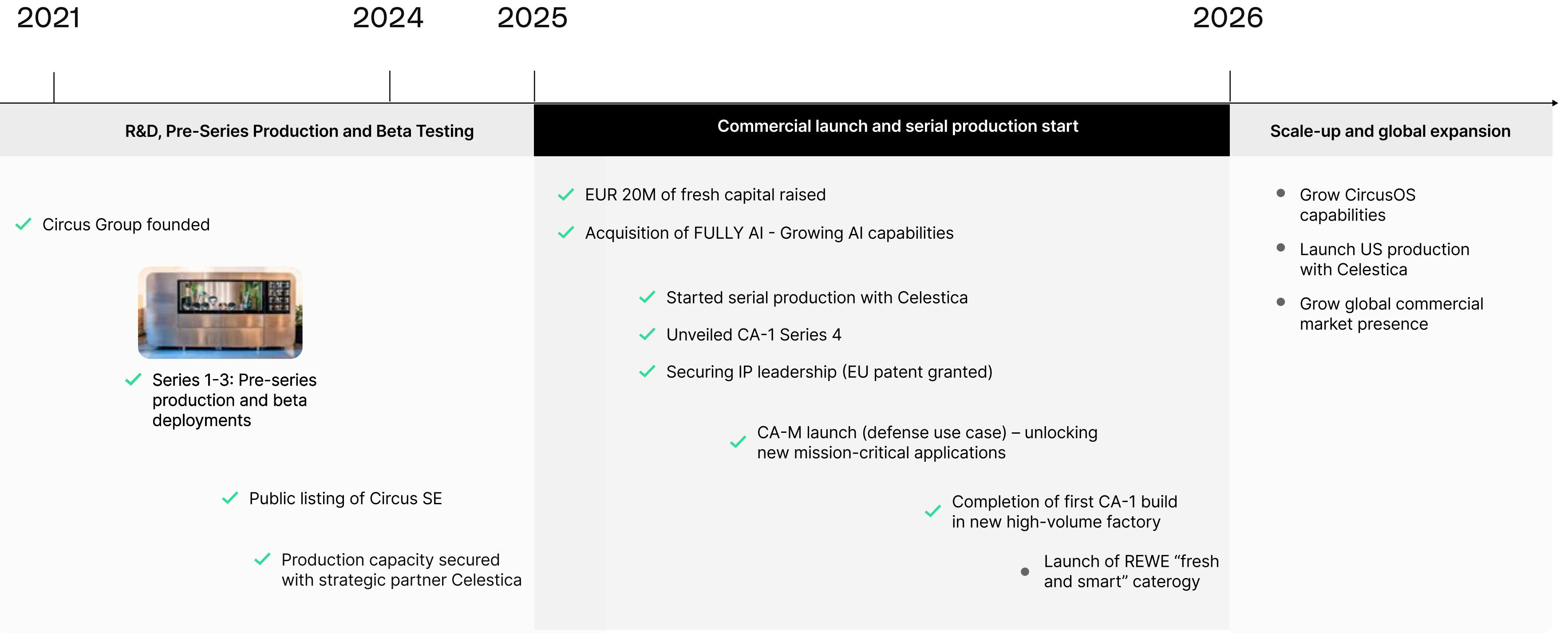
Celestica is serving global leaders:



+26.000  
Employees

40+  
Factories (US, EU, APAC)

# After years of development and testing, our patented technology is now ready for volume production and rollout





# Confirming our Guidance: Clear Path to growth and mid-term profitability

Our Mid-term targets; Production Ramp up starting from Q3 2025

|   | Short Term           | Mid Term<br>(3-5 years) |
|---|----------------------|-------------------------|
| Robotic Units Produced                              | Low Triple Digit     | Four digit p.a.         |
| Annual Revenue (in EUR)                             | Double Digit Million | EUR >1B p.a.            |
| Recurring SaaS Share<br>(ARR in % of total Revenue) | >10%                 | >70%                    |
| EBITDA  | Negative             | 30-35%                  |

Visit us in Munich and explore  
AI robot-based meal production

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