
Comprehensive Retail Intelligence: Maximizing Efficiency and Security

Lenovo + NVIDIA + Centific



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Driving Operational Efficiency in Retail

Features

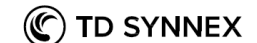
- Fundamental AI Models
- Accelerated CV and AI Contextualization
- Unified Platform
- GenAI-Ready
- Process Automation

Results

- Protecting remote outdoor areas
- Improving workplace safety
- Damage prevention
- Parking lot monitoring
- Prevents SCO shrinkage
- Sales and logistics management

Pitaya serves a variety of retail segments

Powered by:



Grocery
Stores



Big Box
Retailers



Convenience
Stores



Home
Improvement



Quick Service
Restaurants



Pharmacies



Warehouses
and DCs



Comprehensive Retail Intelligence: Maximizing Efficiency & Security

Advanced Solutions Executive Summit
Dec. 4, 2024



Agenda

- Who we are
- Frontier AI Data Foundry
- Pitaya
- Demos



Introducing Centific



WHO WE ARE

We are a frontier AI data foundry company that curates diverse, high-quality data, using our purpose-built technology platforms to empower our clients with safe, scalable AI deployments.

Experience with a global footprint

Over 27 years

of industry experience

4K+

employees of
industry experience

1MM+

Crowdsourced
global resources

8yrs avg

partnership

+40%

3YR CAGR



Google amazon Microsoft PayPal Uber THE HOME DEPOT Walmart* PETS MASTERS KraftHeinz HBO TESLA ups FedEx MASTERY Expedia

Top Tier Partners with Industry Leaders



- ✓ Full lifecycle support of in-store technology
- ✓ Ability to deliver technology at scale, on time, and on budget
- ✓ Over 3000 field resources able to support cameras, cabling, and edge devices



- ✓ Metropolis Partner
- ✓ Validated Hardware Configurations
- ✓ Synthetic Data for GenAI and CV Training and Finetuning
- ✓ Labs Partner

Microsoft
Partner

- ✓ Azure Modernization Gold Partner
- ✓ R&D Partners for CoPilot (OpenAI and LLM) and DFP (online fraud prevention)



- ✓ HW designed for unique requirements for compute on edge
- ✓ Certified solutions on the HW
- ✓ Scale out native zero trust deployments

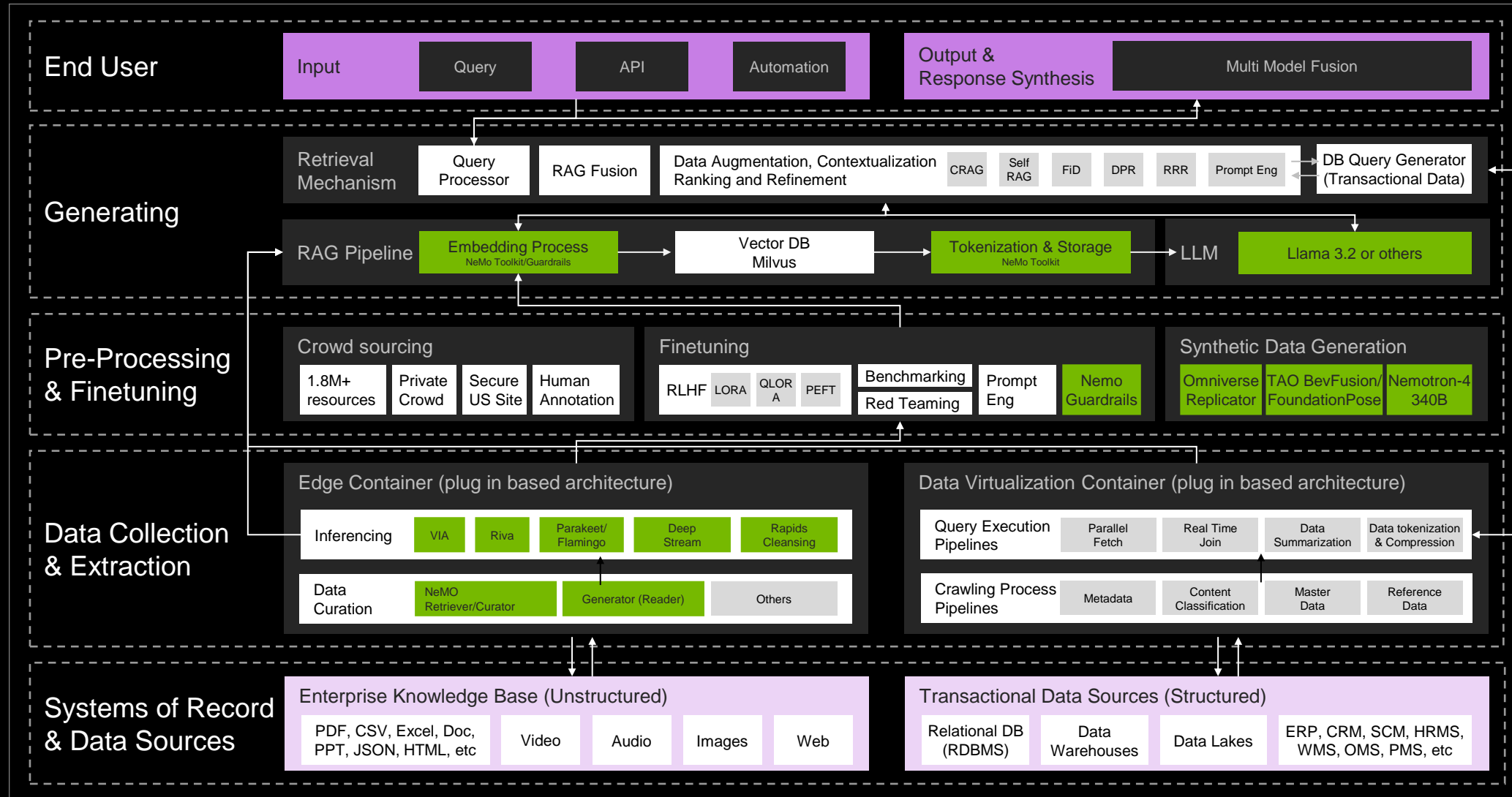


- ✓ Industry Partner. Solving asset protection, workplace safety for the Retail Industry

Frontier AI Data Foundry



Modular AI Data Foundry architecture with NVIDIA

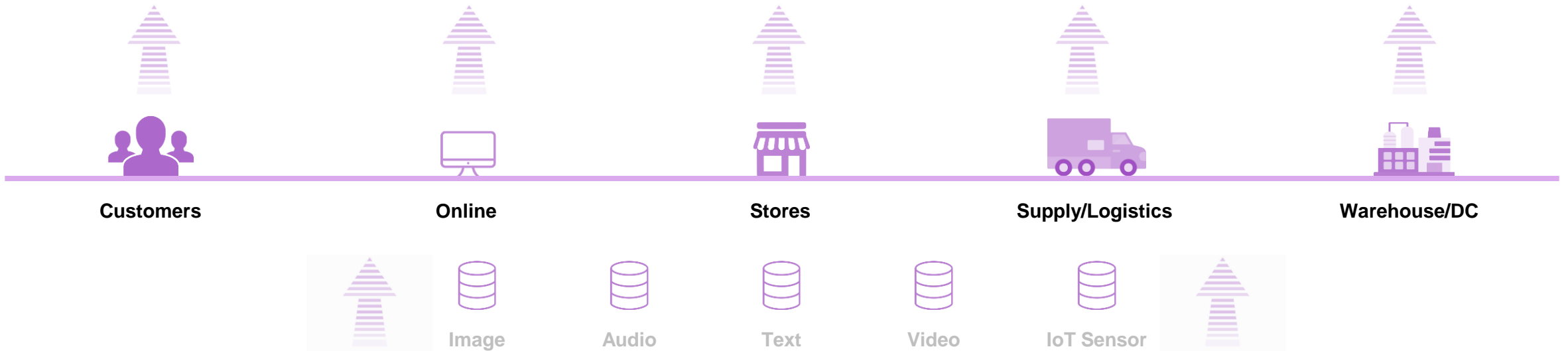
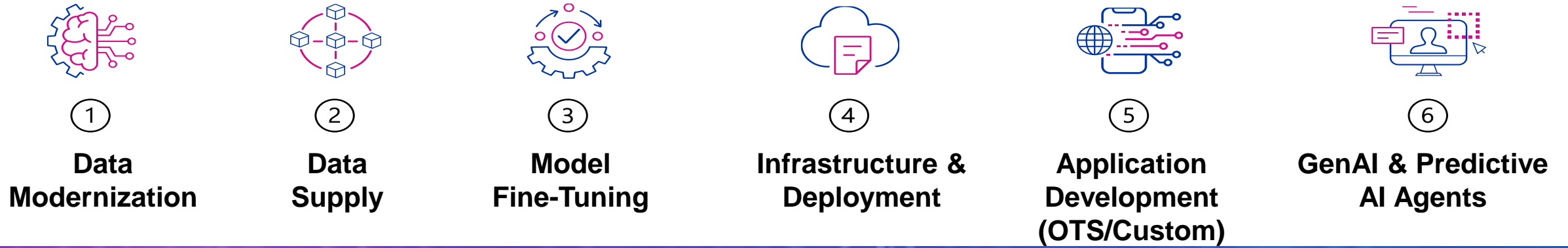


Available
On Prem or
Cloud

NVIDIA Tech
Stack and NIMs

MOVE FORWARD BY STAGE OR PARTNER ACROSS THE ENTIRE AI LIFECYCLE

Platform Layer – Frontier AI Data Foundry



A flexible & modular single platform

Use Cases

Customer Journey Analysis

Dwell Time Analysis

Store Analytics

Customer Service Optimization

Associate Efficiency

Out of Stock Reduction

Store Analytics

Assortment Optimization

Slip & Fall Reduction

Shrink Reduction

SOP Compliance

**Marketing
Agent**

**Operations
Agent**

**Asset Protection
Agent**

User Interface Layer



powered by Centific's frontier
AI data foundry platform

Pitaya





powered by Centific's frontier AI data foundry platform

Supercharging your data

Pitaya is a SaaS platform that contains all the tools you need to manage your retail business.

Harnessing the power of Computer Vision AI and GenAI, together with business data, consumer data, and in store visual data, Pitaya supercharges your retail operations with actionable insights and empowers your store associates for efficiency, while unleashes a 360-degree view of the supply chain and sheds the light on opportunities to unlock sustainable growth.

KEY USERS

- Store Associates
- Loss Prevention
- Retail Ops
- IT Ops
- Marketing
- Merchandising
- Media

PRIORITY PROBLEM STATEMENTS ADDRESSED

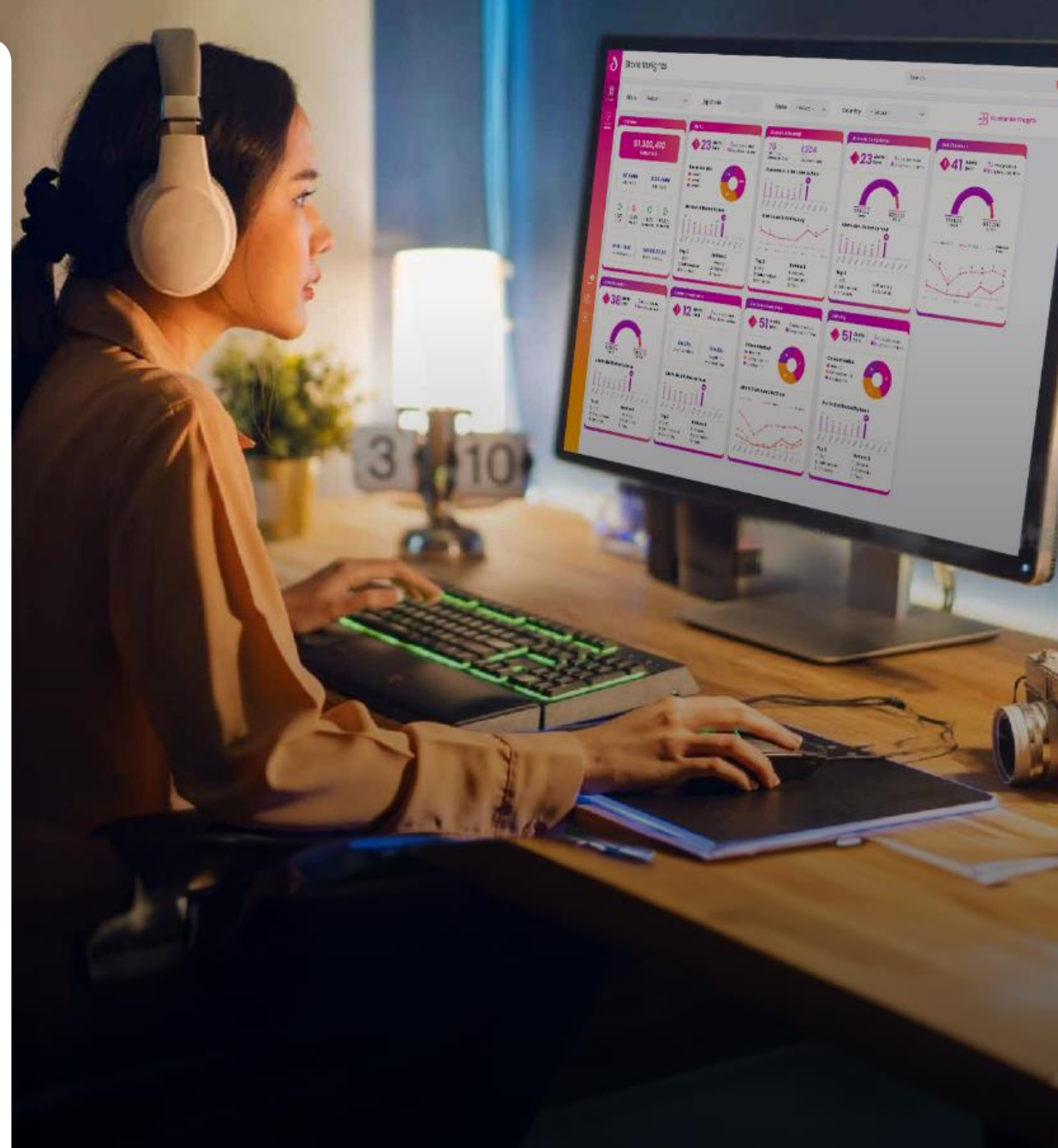
Asset Protection

Workplace Safety

Customer Experience

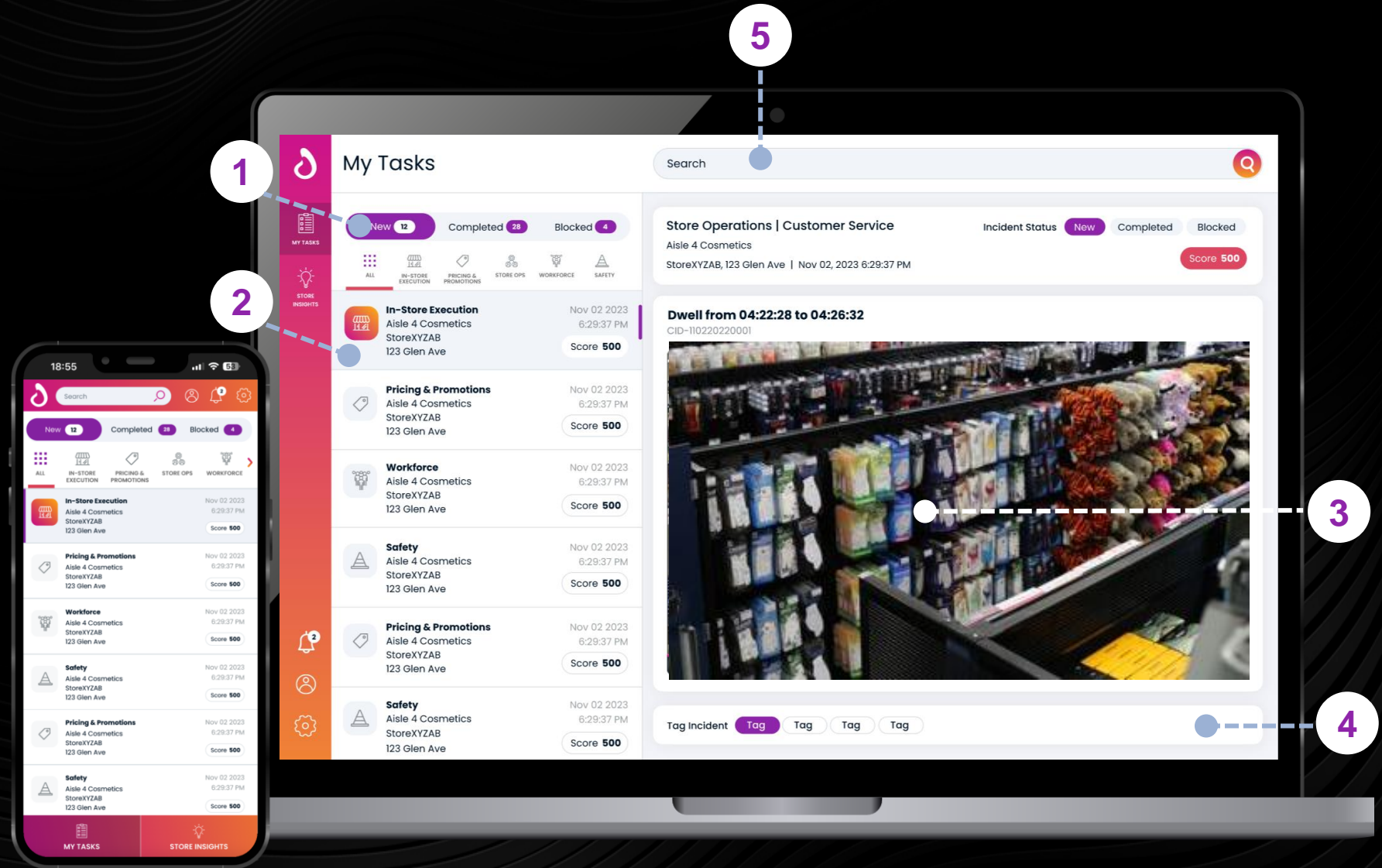
Retail Execution

Process Compliance



Task Management

- 1 Quick one touch filtering
- 2 Task List Preview, ranked by business criticality
- 3 Task detail with evidence
- 4 One-Click action
- 5 LLM Based Insights system



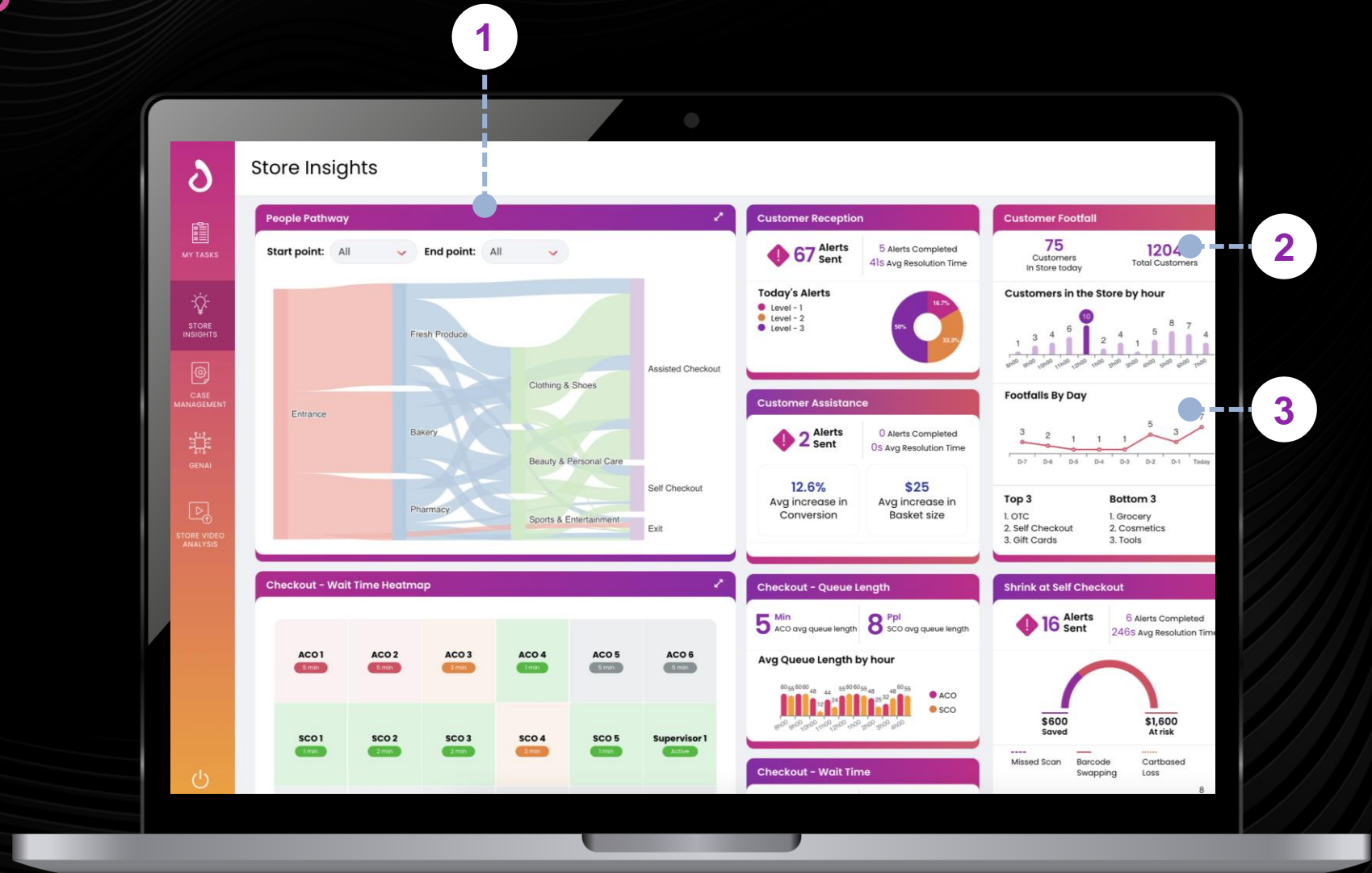
Store Insights

- 1 Drill up and drill down to the level of granularity you desire
- 2 Customize your dashboard with a widget library and snap-on grid
- 3 Widgets come in 3 different sizes, to offer insights at 3 levels of depth



Operational Insights

- 1 Drill up and drill down to the level of granularity you desire
- 2 Customize your dashboard with a widget library and snap-on grid
- 3 Widgets come in 3 different sizes, to offer insights at 3 levels of depth

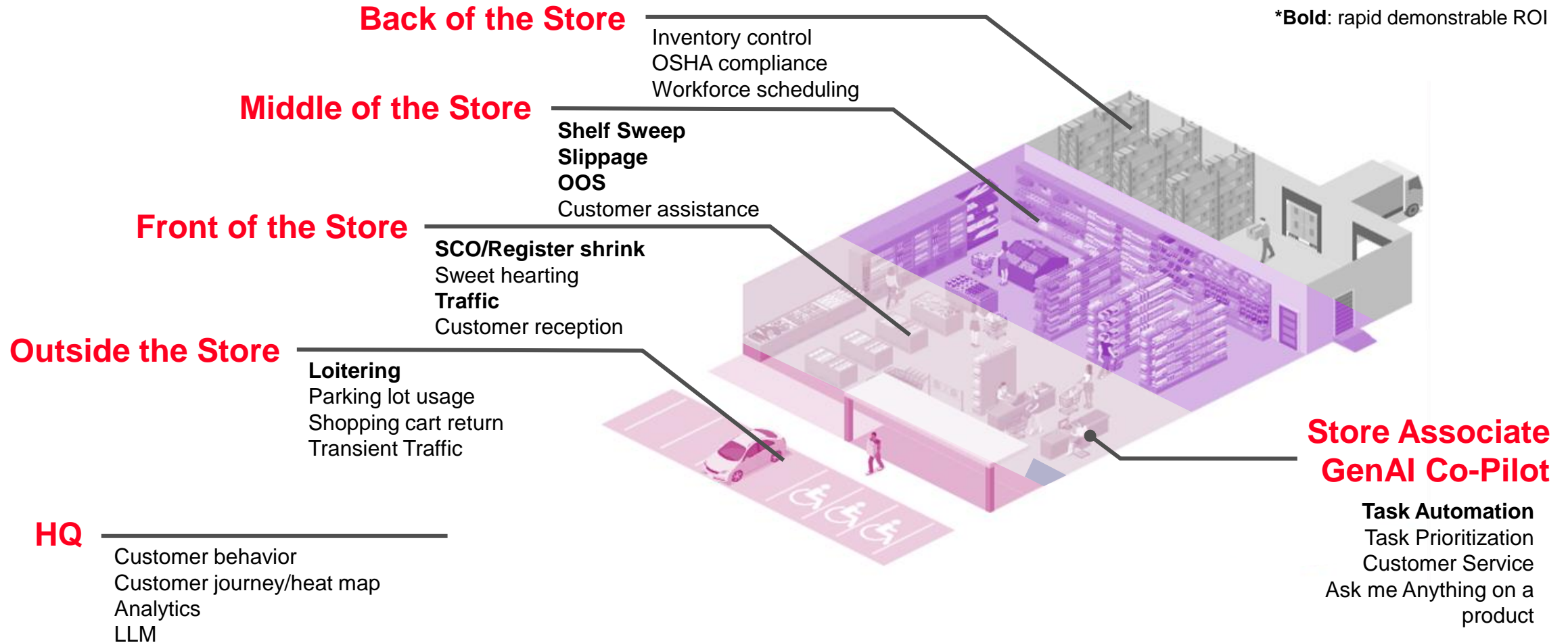


Demo - Multi-Camera Tracking

Pitaya Demo



Multitude of business challenges to overcome



Transforming DC Ops to a dynamic & intelligent state



One-stop shop

Full package of hardware & software with pre-trained and customizable AI models that can adapt to your business needs



Expandable Use Cases

Start with the most suitable use case to your business context and expand to multiple other use cases at ease with marginal effort from technical, maximize ROI of the infrastructure and platform already in place.



Able to Fully Integrate

Standard API gateway ready to connect with any retail operation system, including POS, mPOS, NCR, ERPS, etc. Enable seamless data synchronization, streamlined workflows, and facilitate interoperability.



Real Time Alert

Instantaneous notifications to boots on the ground of events needing their attention via SMS, email, push notifications to devices such as Zebra, ear set voice message. Automated dispatcher device response based on business requirements.



E2E Professional Services

From initial setup to continuous optimization, our dedicated customer success team works closely with you, providing ongoing support, training, and personalized assistance to ensure that you achieve maximum value and success.



Smart Task Management

Empower staff by helping them stay focused on what they need to do, in what order, at what location. Provide evidence and contextual information to support staff to be more efficient at their jobs.



Privacy Compliance

Our platform employs industry-leading encryption protocols and anonymization techniques to preserve data privacy while enabling seamless data processing and analysis. Full compliance with Safe and Ethical AI, the General Data Protection Regulation (GDPR), and the California Consumer Privacy Act (CCPA).

Partner Benefits

Why should partners support Centific and this approach



Sell Servers

Gen AI and Computer Vision solutions promise great benefits for customers they can only achieve by using servers and GPUs.



Differentiate from Competition

Winning depends on many factors, but differentiation from competition makes it easier for our prospects to select the right vendor and solution and for you to qualify and win business.



Sell Cameras and Network Components

One could argue that the most important component of AI solutions is data; Not the data you have but the data you don't. These 'blind spots' in our customers business can be addressed with cameras and computer vision and integrated into the existing environments with network components.



Open New Opportunities / Strengthen Existing

Partnering with Centific expands your potential opportunities with new clients and exposes you to new contacts within your existing customers. Your company will continue to become a strategic, solution providing, long term partner for your customers.



Sell Deployment Services

Delivering results for our customers can only be accomplished thru the successful scale out of the solution across our customers enterprise.



Grow Business

Expanding your solution portfolio to include Gen AI and computer vision solutions from Centific allows you to grow your business across many verticals.

Questions & Next Steps





Thank You