Bring AI Everywhere

One-Stop-Shop for
Edge-to-Cloud AI Solutions

Maximize Your Business Value with Avalue AI

SECURITY

I/O EXPANDABLE

WIDE WORKING TEMPERATURE

COST-EFFECTIVE

LONGEVITY

PCIE EXPANSION

Avalue AI Architecture

Cloud

Edge Computing

Platforms
- Intel® Core Series
- NVIDIA® Jetson Series
- AI Accelerations
- AMD EPYC Series

Software
- Generative AI
- Discriminative AI (Object recognition)
- Medical AI (Disease screening)

Internet

Internet

IoT Devices and Sensors

Avalue Recommends 4 Types of AI-Based Solutions

Class	Flagship	High-end	Mid-range	Entry-level
AI Computing	**HPS Server** High-performance server supports 4th/5th Generation Intel® Xeon® Scalable Processors	**MAB-T600** AI ready solution supports 12th/13th Generation Intel® Core™ i3/i5/i7 Processors	**AIB-NIAO** AI box pc NVIDIA AGX Orin 270/275 TOPS	**EMS-MTH** Intel® Meteor Lake-H Core™ Ultra 7th/5th Processor Fanless Rugged Embedded System
GPU Card	2 to 4	1	1	N/A
AI Computing	1,136 to 2,272	568	275	34

AI Solutions Across Industries

Optimization Management

Data Analysis & Insights

Process Improvement

AI Use Cases in Major Industries

Decision Support Systems

Image & Video Analysis

Risk Assessment and Mitigation
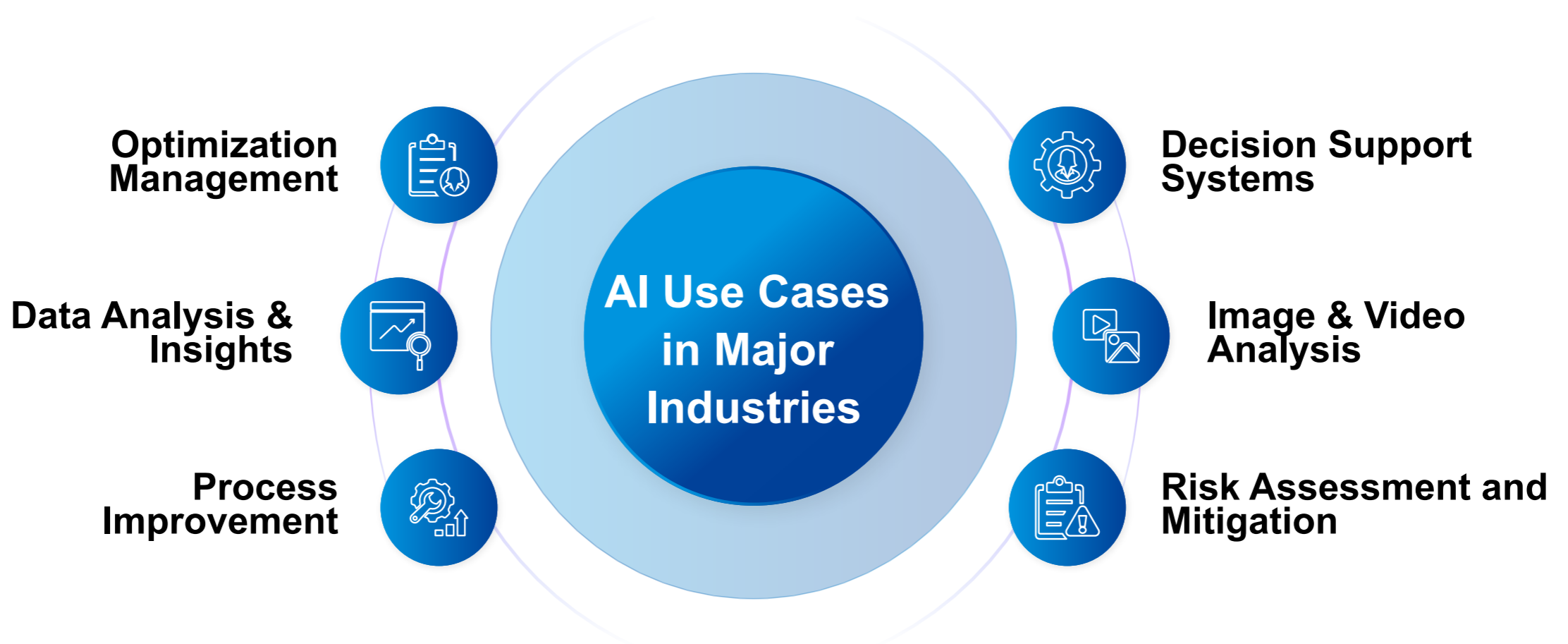
Healthcare /Medical
- Support healthcare professionals in diagnostics
- Assist in patient monitoring
- Provide data analysis
- Ultimately improve the quality of care
- Facilitate medical research through the integration of AI algorithms

Manufacturing
- Facilitate predictive maintenance
- Enable quality control
- Optimize processes
- Ensure higher levels of efficiency
- Reduce downtime
- Enhance overall production quality

Logistic & Transportation
- Contributes to the development of intelligent transportation systems
- Fosters innovations in autonomous vehicles
- Enhances traffic management
- Optimizes logistics
- Shapes the future of mobility

Smart Retail
- Optimize customer experiences
- Personalize marketing strategies
- Streamline operational processes
- Provide object recognition systems
- Personalize marketing strategies

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