### Key NVIDIA AI for Enterprise use cases for: • Architecture, Engineering and Construction (AEC)

- Automotive
- Financial Services (FSI)
- Energy: Oil & Gas / Utilities
- Healthcare
- Higher Education & Research (HER)
- <u>Manufacturing</u>
- Media and Entertainment
- Retail
- Telecommunications (Telco)



ARCHITECTURE, ENGINEERING, & CONSTRUCTION (AEC) AEC Sales Card - Rendering and VR

Virtual GPU for AEC Customer Presentation







### **NVIDIA TECHNOLOGIES TRANSFORMING AEC WORKFLOWS** Visual Computing and AI Solutions

![](_page_2_Picture_1.jpeg)

![](_page_2_Picture_2.jpeg)

![](_page_2_Picture_3.jpeg)

![](_page_2_Picture_4.jpeg)

Immersive VR

**3D Graphics Virtualization** 

![](_page_2_Picture_7.jpeg)

Artificial Intelligence

![](_page_2_Picture_10.jpeg)

## **INTERACTIVE PHYSICALLY BASED RENDERING** Visualize While You Design...

### An accurate visual prediction of your design

Detect errors early

Avoid surprises

Iterate quickly to optimize the design

![](_page_3_Picture_5.jpeg)

![](_page_3_Picture_7.jpeg)

### CONSTRUCTION SIMULATION

![](_page_4_Picture_1.jpeg)

## VR USE CASES IN AEC

## TRAINING

![](_page_4_Picture_4.jpeg)

### MARKETING & SALES

![](_page_4_Picture_7.jpeg)

![](_page_4_Picture_9.jpeg)

### AUTOMOTIVE

NVIDIA EGX & NVAIE in Automotive Master Deck NVIDIA AI Enterprise for Automotive Manufacturing Customer Deck

![](_page_5_Picture_2.jpeg)

## ACCELERATING AI & HPC TO TRANSFORM AUTOMOTIVE

#### AV Development & Testing

![](_page_6_Picture_2.jpeg)

![](_page_6_Picture_3.jpeg)

#### Enhanced Design Productivity

![](_page_6_Picture_5.jpeg)

![](_page_6_Picture_6.jpeg)

VDI-vGPU for Automotive

#### Simulation

![](_page_6_Picture_9.jpeg)

AV Testing during COVID pandemic

#### Mobility-as-a-Service

![](_page_6_Picture_12.jpeg)

Hail Yeah! Robotaxis will Change the Way We Move

#### Virtual Vehicle Configurators

![](_page_6_Picture_15.jpeg)

**NVIDIA Corvette Configurator Demo** 

#### Recommenders/Conversational AI

![](_page_6_Picture_18.jpeg)

Jarvis : it is currently 66 degrees and sunny in San Francisco

**NVIDIA DRIVE IX** 

**Conversational AI DL** Recommenders

#### Manufacturing & Robotics

BMW Group selects NVIDIA to redefine factory logistics

#### Enterprise Al & Data Science

![](_page_6_Picture_28.jpeg)

AI - Automotive's New Value-Creating Engine

![](_page_6_Picture_31.jpeg)

### ENTERPRISE AI & DATA SCIENCE IN AUTOMOTIVE End-to-End Transformation

![](_page_7_Picture_1.jpeg)

#### Customer Experience

#### Connected Everything

Intelligent Customer Interactions Customer Targeting Dynamic Pricing & Offers PHYD/PAYD/PFMD Customer Support & Dispatch

Connected Vehicle Connected Factory **Connected Customer** (Destination Prediction, Route Planning, & Mapping)

![](_page_7_Picture_7.jpeg)

![](_page_7_Picture_8.jpeg)

![](_page_7_Picture_9.jpeg)

#### Manufacturing

Design & Engineering

Smart Factory Quality Inspection Predictive Maintenance Energy Optimization

**Product Simulation Environment Simulation** CFD CSM CEM ECAD

![](_page_7_Picture_14.jpeg)

![](_page_7_Picture_15.jpeg)

![](_page_7_Picture_16.jpeg)

A DFDS

Forecasting Demand Modeling Product Planning Analytics Capacity Planning

#### Profitable Operations

Supply Chain Optimization Financial Risk & Portfolio Analysis Fraud Detection, Cybersecurity, Anomaly Detection Warranty Analytics

![](_page_7_Picture_22.jpeg)

![](_page_7_Picture_23.jpeg)

### AI & VISUALIZATION FOR CONNECTED SERVICES SW & HW as enablers to the development and deployment of AI everywhere

![](_page_8_Figure_1.jpeg)

![](_page_8_Picture_6.jpeg)

![](_page_8_Picture_7.jpeg)

![](_page_8_Picture_15.jpeg)

### FINANCIAL SERVICES INDUSTRY (FSI)

**FSI Master Customer Presnetation** 

![](_page_9_Picture_3.jpeg)

### DATA SCIENCE IN FINANCE

- Anti-Money Laundering (AML)
- Compliance
- Conversational AI
- Customer Retention / Churn
- Know Your Customer (KYC)
- Marketing Optimization
- Payments Fraud
- Portfolio Optimization
- Recommenders / Next Best Offer
- Risk Underwriting

![](_page_10_Picture_11.jpeg)

### **ACCELERATING DIGITAL TRANSFORMATION IN FSI** AI/ML Optimizes Performance and Outcomes

![](_page_11_Picture_1.jpeg)

#### **Default Prediction**

![](_page_11_Picture_3.jpeg)

Recommendations

![](_page_11_Picture_5.jpeg)

Fraud Detection

![](_page_11_Picture_7.jpeg)

Virtualization (WFH)

![](_page_11_Picture_9.jpeg)

**Customer Service** 

![](_page_11_Picture_11.jpeg)

![](_page_11_Picture_12.jpeg)

**Digital Payments** 

![](_page_11_Picture_14.jpeg)

Algorithmic Trading

![](_page_11_Picture_17.jpeg)

## CAPITAL MARKETS, TRADING, & FINANCIAL ANALYTICS

![](_page_12_Picture_1.jpeg)

#### Capital Markets & Trading

counterparty credit

HPC finance – pricing, valuation, and risk market, Agent simulation — deep reinforcement learning Analytics – algorithmic trading, systematic & discretionary trading systems, core banking other analytics & backtesting

![](_page_12_Picture_5.jpeg)

#### Data Science & Modelling

Data scientist & modelling – credit risk, default, exposures and underwriting income, balance sheet, demand forecasting (financial analytics in banking, insurance & FSI), backtesting & monitoring

![](_page_12_Picture_8.jpeg)

![](_page_13_Picture_1.jpeg)

#### Payments/KYC/AML/Fraud/ID Verification\*

Advanced models ML/DL – fraud, transaction monitoring & payments

Text/image/voice — unstructured NLP, image, voice KYC & ID verification, fraud account take over & compliance

## COMPLIANCE, FRAUD, PROCESSING & PRODUCTIVITY

![](_page_13_Picture_7.jpeg)

![](_page_13_Picture_8.jpeg)

#### Claims & Processing

P&C – home & auto claims satellite image claims, disaster recovery reinsurance claims account payable, expenses

Note\*: KYC – Know Your Customer; AML – Anti Money Laundering; NLP – Natural Language Processing, NLU – Natural Language Generation

![](_page_13_Picture_13.jpeg)

#### AI RPA — Intelligent Automation (OCR/Vision/Speech + NLP/NLU/NLG\*)

Cognitive RPA — intelligent AI smart automation contract/underwriting processing, agreements, intelligent document extraction risk/report generation, audit, compliance

![](_page_14_Picture_1.jpeg)

#### Conversational AI-ASR/TTS/NLP\* Voice & Transcription

CX & service - B2C, B2B, B2B2B, B2B2CRetail customers – loans, cards, deposits commercial customers

Note\*: ASR – Automatic Speech Recognition, TTS – Text to Speech, NLP – Natural Language Processing, NLU – Natural Language Understanding, NLG – Natural Language Generation

## CUSTOMER EXPERIENCE, GROWTH & LOYALTY

![](_page_14_Picture_6.jpeg)

Speech

#### Virtual Assistant – Chatbot/Avatars, Text NLU/NLG\*, Question & Answer

Customers/2nd party B2B communication Retail customers – loans, cards, deposits Commercial customers – vendors, supply chain, B2B2B, market participants

![](_page_14_Picture_10.jpeg)

#### Marketing & Personalization

Marketing & Analytics – Customer Acquisition, Churn, Preferences, Weighting & A/B Testing Offers, Recommendations & Next Best Action

![](_page_14_Picture_13.jpeg)

ENERGY: OIL & GAS / UTILITIES

**Utilities Customer Deck** Energy Master Customer Deck

![](_page_15_Picture_3.jpeg)

### AI IN ENERGY Every Human Activity Will Have a Corresponding AI Powered Application

![](_page_16_Picture_1.jpeg)

![](_page_16_Picture_2.jpeg)

![](_page_16_Picture_4.jpeg)

![](_page_16_Picture_5.jpeg)

![](_page_16_Picture_6.jpeg)

![](_page_16_Picture_7.jpeg)

![](_page_16_Picture_8.jpeg)

![](_page_16_Picture_9.jpeg)

![](_page_16_Picture_10.jpeg)

![](_page_16_Picture_12.jpeg)

![](_page_16_Picture_13.jpeg)

![](_page_17_Picture_1.jpeg)

#### Health, Safety, Environment (HSE/SHE)

![](_page_17_Picture_3.jpeg)

Seismic, Reservoir and Process Simulation

### AI USE CASES IN OIL AND GAS Oil and Gas

![](_page_17_Picture_6.jpeg)

Predictive Equipment Health Reliability

![](_page_17_Picture_8.jpeg)

Visualization

![](_page_17_Picture_10.jpeg)

#### Automated Visual Health Inspection

![](_page_17_Picture_12.jpeg)

#### Data Science Team Unstructured Data Mining, Chatbots...

![](_page_17_Picture_15.jpeg)

![](_page_18_Picture_0.jpeg)

![](_page_18_Picture_1.jpeg)

## AI FOCUS AREAS IN UTILITIES

![](_page_18_Picture_4.jpeg)

![](_page_18_Picture_5.jpeg)

Energy Trading

DER Management

![](_page_18_Picture_9.jpeg)

### HEALTHCARE **NVIDIA-Certified Hospital Enterprise Infrastructure on VMware Customer Presentation**

![](_page_19_Picture_2.jpeg)

![](_page_19_Picture_3.jpeg)

### UNIFY THE HOSPITAL DATA CENTER Leverage a Common Infrastructure for Legacy and AI Enhanced Applications

### TODAY

EMR OFFICE TELEHEALTH шш

CLIN APPS

Traditional Enterprise Applications

#### CPU-Only Data Center

Many SPOFs No resiliency Growth inhibited

![](_page_20_Picture_8.jpeg)

CONFIDENTIAL. DO NOT DISTRIBUTE.

![](_page_20_Picture_10.jpeg)

![](_page_20_Picture_11.jpeg)

![](_page_20_Picture_12.jpeg)

![](_page_20_Picture_13.jpeg)

![](_page_20_Figure_14.jpeg)

![](_page_20_Picture_15.jpeg)

![](_page_20_Picture_16.jpeg)

![](_page_20_Picture_17.jpeg)

### TOMORROW

Unified Accelerated Data Center

![](_page_20_Picture_20.jpeg)

![](_page_20_Picture_21.jpeg)

### EXAMPLE: MEDICAL IMAGING AI INFRASTRUCTURE **Re-architecting Enterprise Imaging**

![](_page_21_Picture_1.jpeg)

CONFIDENTIAL. DO NOT DISTRIBUTE.

#### Typical hospital data center environment that includes existing EMRs, PACS, database, storage, and networking clusters, in addition to a new cluster for AI Compute. AI Compute infrastructure is complementary to a hospital medical imaging ecosystem, without replacing any of its components.

![](_page_21_Picture_6.jpeg)

![](_page_21_Picture_7.jpeg)

### THE SMART HOSPITAL ENTERPRISE DATA CENTER Full stack architecture combining NVIDIA AI Enterprise + NVIDIA Certified for Healthcare

Hospital & Al Applications and Frameworks

Support **.**prise Enter NVIDIA

Al & Data Science Applications and Frameworks

> Cloud Native Deployment

Infrastructure Optimization

![](_page_22_Picture_6.jpeg)

CONFIDENTIAL. DO NOT DISTRIBUTE.

![](_page_22_Figure_8.jpeg)

![](_page_22_Picture_10.jpeg)

![](_page_22_Picture_11.jpeg)

HIGHER EDUCATION & RESEARCH (HER) **NVIDIA AI Enterprise for Education - Sales Pitch Deck** 

![](_page_23_Picture_2.jpeg)

### AI WILL BE INFUSED ACROSS EVERY CAMPUS Campuses Need the Ability to Run AI From the Data Center

	Al for Teachi	
Computer Science	Materials Science	Chemistry
Physics	Life Sciences	Engineering
Earth Sciences	Environmental Sciences	Medical School

Al in STEM Research

### AI-Enabled Campus

### ing, Labs and Research

Agriculture	Management	Art
History	Business	Architecture
Linguistics	Legal	Education

Al Outside of STEM

![](_page_24_Figure_7.jpeg)

### UNIFY THE DATA CENTER Remove complexity and improve support with a Common Infrastructure

![](_page_25_Figure_1.jpeg)

#### **CPU-Only Data Center**

![](_page_25_Figure_3.jpeg)

Single Purpose Silos

Spike sensitive Expensive Lots of one-offs

Many SPOFs No resiliency Growth inhibited

![](_page_25_Picture_8.jpeg)

### TOMORROW

![](_page_25_Figure_10.jpeg)

Unified Accelerated Data Center

### A NEW APPROACH TO DEMOCRATIZE AI Leverage your Existing Data Center Investment

![](_page_26_Picture_1.jpeg)

#### TRADITIONAL **APPLICATIONS**

![](_page_26_Picture_4.jpeg)

DISTANCE LEARNING

Existing Data Center Infrastructure

NVIDIA GPU

![](_page_26_Figure_8.jpeg)

#### VMware vSphere 7 Update 2

Mainstream Enterprise Servers/ **NVIDIA-Certified Systems** 

**AI Enabled Applications** 

INFERENCE

![](_page_26_Picture_13.jpeg)

INFERENCE

![](_page_26_Picture_15.jpeg)

#### AI TOOLS AND FRAMEWORKS

#### MANAGEMENT & ORCHESTRATION

#### **NVIDIA AI ENTERPRISE**

NVIDIA SmartNIC/DPU

![](_page_26_Picture_21.jpeg)

## **AI-READY ENTERPRISE PLATFORM**

![](_page_27_Picture_1.jpeg)

Data Scientist/ Developer/ Al Researcher

![](_page_27_Picture_3.jpeg)

![](_page_27_Figure_4.jpeg)

IT Administrator

![](_page_27_Picture_8.jpeg)

MANUFACTURING

https://nvidia.highspot.com/items/5e4719f26a3b116128ba83d0 NVIDIA AI Enterprise for Manufacturing Solution Brief

![](_page_28_Picture_2.jpeg)

## ONE PLATFORM ACROSS INDUSTRIAL USE CASES

![](_page_29_Picture_1.jpeg)

#### DESIGN

HPC Modeling & Simulation Design for Manufacturability

#### **SUPPLY CHAIN**

Forecasting & Inventory Management Supply Chain Optimization Robotics & Automation

#### MANUFACTURE

Robotics & Automation Inspection Predictive Maintenance Process Control

#### SERVICE

Predictive MaintenanceField InspectionLogistics OptimizationParts Inventory Management

## MANUFACTURING & INDUSTRIAL AI USE CASES

### MANUFACTURING INSPECTION

### PREDICTIVE MAINTENANCE

![](_page_30_Picture_3.jpeg)

![](_page_30_Picture_4.jpeg)

Quality Inspection & Test

Yield and Throughput

#### INTELLIGENT VIDEO SUPPLY CHAIN & CONVERSATIONAL ANALYTICS (IVA) LOGISTICS

![](_page_30_Picture_10.jpeg)

![](_page_30_Figure_11.jpeg)

## AI / NLP

![](_page_30_Picture_14.jpeg)

Supply/Demand Forecasting

**Operational Process** Automation

Scheduling & Route Optimization

Work Scope Optimization

![](_page_30_Picture_20.jpeg)

![](_page_30_Picture_21.jpeg)

## MANUFACTURING & INDUSTRIAL ECOSYSTEM

### MANUFACTURING INSPECTION

![](_page_31_Picture_2.jpeg)

![](_page_31_Picture_3.jpeg)

### PREDICTIVE MAINTENANCE

![](_page_31_Picture_5.jpeg)

![](_page_31_Picture_6.jpeg)

![](_page_31_Picture_7.jpeg)

#### INTELLIGENT VIDEO SUPPLY CHAIN & CONVERSATIONAL **ANALYTICS (IVA)** LOGISTICS

![](_page_31_Picture_11.jpeg)

![](_page_31_Picture_12.jpeg)

![](_page_31_Picture_13.jpeg)

![](_page_31_Picture_14.jpeg)

![](_page_31_Picture_15.jpeg)

![](_page_31_Picture_16.jpeg)

![](_page_31_Picture_17.jpeg)

![](_page_31_Picture_18.jpeg)

## AI / NLP

### InstaDeep™

![](_page_31_Picture_21.jpeg)

![](_page_31_Picture_22.jpeg)

![](_page_31_Picture_23.jpeg)

![](_page_31_Picture_24.jpeg)

![](_page_31_Picture_25.jpeg)

![](_page_31_Picture_27.jpeg)

![](_page_31_Picture_28.jpeg)

MANUFACTURING PRO NVIDIA RTX for VRED Sales Deck Virtual GPU for Manufacturing

## MANUFACTURING PRODUCT DEVELOPMENT

![](_page_32_Picture_2.jpeg)

![](_page_33_Picture_0.jpeg)

![](_page_33_Picture_2.jpeg)

![](_page_33_Picture_3.jpeg)

![](_page_33_Picture_4.jpeg)

![](_page_33_Picture_5.jpeg)

![](_page_33_Picture_6.jpeg)

![](_page_33_Picture_7.jpeg)

![](_page_33_Picture_8.jpeg)

![](_page_33_Picture_9.jpeg)

**USE CASES** 

![](_page_33_Picture_10.jpeg)

![](_page_33_Picture_11.jpeg)

![](_page_33_Picture_12.jpeg)

## MANUFACTURING OVERVIEW

![](_page_33_Picture_14.jpeg)

![](_page_33_Picture_15.jpeg)

![](_page_33_Picture_16.jpeg)

#### Collaborate + Manage (9.5M)

![](_page_33_Picture_18.jpeg)

![](_page_33_Picture_19.jpeg)

![](_page_33_Picture_20.jpeg)

![](_page_33_Picture_21.jpeg)

![](_page_33_Picture_22.jpeg)

![](_page_33_Picture_23.jpeg)

#### **Building Products**

![](_page_33_Picture_25.jpeg)

![](_page_33_Picture_26.jpeg)

![](_page_33_Picture_27.jpeg)

![](_page_33_Picture_28.jpeg)

### VISUALIZATION / RENDERING WORKLOADS Ask customers to list their top CAD, CAE, Design, and Rendering ISV applications

![](_page_34_Picture_1.jpeg)

![](_page_34_Picture_2.jpeg)

![](_page_34_Picture_3.jpeg)

![](_page_34_Picture_4.jpeg)

![](_page_34_Picture_5.jpeg)

![](_page_34_Picture_6.jpeg)

![](_page_34_Picture_7.jpeg)

🥺 NVIDIA.

## COMPUTER AIDED ENGINEERING (CAE) DEFINITION

![](_page_35_Picture_1.jpeg)

CAE includes commercial and non-commercial software used to predict the physical properties of a product model when exposed to various environmental properties and usage conditions over time. The process is computationally intensive, necessitating parallel processing. The process output is a mathematical model that can be accompanied by a 3D visualization of the simulated data overlaid on the original CAD model.

![](_page_35_Picture_4.jpeg)

Computational Electromagnetics

![](_page_35_Picture_7.jpeg)

MEDIA & ENTERTAINMENT (M&E) Film and Television Master Customer Deck M&E Broadcast Customer Deck

![](_page_36_Picture_1.jpeg)

### NVIDIA AI ENTERPRISE IN MEDIA AND ENTERTAINMENT

![](_page_37_Picture_1.jpeg)

![](_page_37_Picture_2.jpeg)

#### EDITORS

![](_page_37_Picture_4.jpeg)

#### ARTIFICIAL INTELLIGENCE

![](_page_37_Picture_6.jpeg)

#### **REMOTE WORK / COLLABORATION**

![](_page_37_Picture_8.jpeg)

![](_page_37_Picture_9.jpeg)

![](_page_38_Picture_1.jpeg)

#### **EDITORS**

### **NVIDIA AI ENTERPRISE IN MEDIA AND ENTERTAINMENT**

![](_page_38_Picture_4.jpeg)

#### **REMOTE WORK / COLLABORATION**

![](_page_38_Picture_6.jpeg)

#### ARTIFICIAL INTELLIGENCE

![](_page_38_Picture_9.jpeg)

### **AI FOR BROADCAST**

NVIDIA Platform brings the power of AI to the Broadcast industry enabling capabilities like:

- Recommender systems
- Auto-highlight generation
- Intelligent meta-data tagging
- Content analytics and viewer insights
- Elimination of repetitive tasks for operational efficiency
- And more...

![](_page_39_Figure_10.jpeg)

### RETAIL Al for Smart Retail - Customer Presentation (pitch deck)

![](_page_40_Picture_2.jpeg)

### POWERING RETAIL IN THESE CHALLENGING TIMES Top 3 Segments of AI Use Cases in Retail

![](_page_41_Figure_1.jpeg)

#### **INTELLIGENT STORES/QSRS**

![](_page_41_Picture_3.jpeg)

Stock-Out & Curbside Pickup

![](_page_41_Picture_5.jpeg)

Asset Protection & Frictionless Shopping

- Customer Engagement
- **Operational Agility**
- Seamless Omnichannel

![](_page_41_Picture_10.jpeg)

![](_page_41_Picture_11.jpeg)

#### **OMNI-CHANNEL MGMT**

![](_page_41_Picture_14.jpeg)

![](_page_41_Picture_15.jpeg)

#### **INTELLIGENT SUPPLY CHAIN**

![](_page_41_Picture_17.jpeg)

#### Forecasting

![](_page_41_Picture_19.jpeg)

Intra-Logistics and Last Mile Delivery

![](_page_41_Picture_22.jpeg)

### **ASSET PROTECTION**

![](_page_42_Picture_1.jpeg)

Ticket Switching Mis-Scanning Employee Theft Security

## INTELLIGENT STORES

### **STORE ANALYTICS**

![](_page_42_Picture_5.jpeg)

Stock-Out and Real-Time Alerting Heat Mapping Demographic Analysis Shopper/Employee Tracking **Customer Engagement** Curbside Pickup

### AUTONOMOUS SHOPPING

![](_page_42_Picture_9.jpeg)

Autonomous Checkout Nano Stores Smart Cabinets

![](_page_42_Picture_12.jpeg)

赵 NVIDIA.

### ECOMMERCE/ DIGITAL

![](_page_43_Picture_1.jpeg)

Al Product Meta-Tagging & Cataloging Personalized Recommendation Systems Similar & Complimentary Products Visual Search

## OMNI-CHANNEL MANAGEMENT

### **CONVERSATIONAL AI**

![](_page_43_Picture_5.jpeg)

#### Chatbots Virtual Assistants Multi-Speaker Transcription

### CYBERSECURITY

![](_page_43_Picture_8.jpeg)

Fraud Detection Cybersecurity

![](_page_43_Picture_11.jpeg)

![](_page_43_Picture_12.jpeg)

### FORECASTING

![](_page_44_Figure_1.jpeg)

#### Increased Speed and Accuracy of Forecasting

## INTELLIGENT SUPPLY CHAIN

### INTELLIGENT WAREHOUSES

![](_page_44_Picture_5.jpeg)

Loading Dock Intelligence and Data Capture Robotics Pick & Place Smart Forklifts, AGVs, and AMRs Package Lifecycle Tracking Adaptive Speed Conveyor Smart Cabinets NLP Assistance

### LAST MILE DELIVERY

![](_page_44_Picture_8.jpeg)

![](_page_44_Figure_9.jpeg)

**Route Optimization** Last-mile-delivery

### **TELECOMMUNICATIONS (TELCO)** <u>Al Services at TELCO Edge - Executive Summary</u>

![](_page_45_Picture_1.jpeg)

# EDGE AI APPLICATIONS IS A KEY TELCO OPPORTUNITY TELCO EDGE ENABLING NEW SERVICES INDUSTRIES

![](_page_46_Figure_1.jpeg)

![](_page_46_Figure_2.jpeg)

Traditional Se	ervices
VOICE	
DATA	
New Al Serv	vices
AI COMPUTER VISION	
AR/VR Streaming	
MULTI MODAL Al	-MMM-

![](_page_46_Picture_4.jpeg)

## EDGE AI Computer Vision / IVA applications for Telcos

#### 1) Surveillance

![](_page_47_Picture_2.jpeg)

Automation

![](_page_47_Picture_4.jpeg)

Behavior/anomaly detection

#### 3) Cities

![](_page_47_Picture_7.jpeg)

Traffic management

![](_page_47_Picture_9.jpeg)

Safety

![](_page_47_Picture_11.jpeg)

![](_page_47_Picture_12.jpeg)

Access control

### 2) Safety for business and public spaces

![](_page_47_Picture_15.jpeg)

#### Stadium

#### 4) Retail

![](_page_47_Picture_18.jpeg)

#### Loss prevention

![](_page_47_Picture_20.jpeg)

Autonomous shopping

![](_page_47_Picture_23.jpeg)

![](_page_47_Picture_24.jpeg)

Casinos

![](_page_47_Picture_26.jpeg)

Public safety

#### 5) Industrial

![](_page_47_Picture_29.jpeg)

Inspection

![](_page_47_Picture_31.jpeg)

Robotics

![](_page_47_Picture_34.jpeg)

![](_page_47_Picture_35.jpeg)