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SMART PORTS

Navigate the Future with Smart Port Solutions

Deliver comprehensive AI-powered network security, a business monitoring center, and a traffic prediction command center which effectively optimizes port traffic conditions through comprehensive behavior analysis, vehicle/people access control, and container detection.

Security Convergence

Video Analyitcs

- Actionable Cargo Information
- Real-time Port Traffic Analytics
- Boosted Freight Fluidity
- Precise Access Control of People & Vehicles

Network Security

- Server Protection
- Endpoint Protection
- Trap Cyber Threats

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SMART PORT SOLUTIONS

Operations & Administration

Big Data & Intelligence	Maximize Port Resource Allocation
Infrastructure	Reduce Operational Costs & Improve Efficiency
Video Intelligence	Ensure Dynamic & Responsive Port Management
Security Convergence	Safeguard Physical & Digital Assets
Internet of Things	Enhanced Schedule, Condition, and Vehicle Flow Automation

Engineering

Big Data & Intelligence	Optimize Operations, Predictive Maintenance, Data-driven Decisions
Infrastructure	Predictive Maintenance, & Sustainable Development
Video Intelligence	Gain Real-time Insights & Enhanced Security
Security Convergence	Safeguard Physical & Digital Assets
Internet of Things	Automate Predictive Maintenance at the Edge of Networks

Port Traffic

Big Data & Intelligence	Optimize Information Flow & Vehicle Safety
Infrastructure	Improve day-to-day Traffic Management
Video Intelligence	Automate Traffic Violation Detection & Improve Traffic Flow
Security Convergence	Safeguard Physical & Digital Assets
Internet of Things	Enhance Vehicle Safety & Environmental Monitoring through Automation

Port Safety & Security

Big Data & Intelligence	Identify Key Interest Areas & Plan Security Flow
Infrastructure	Improve Traveler & Staff Experience
Video Intelligence	Detect Suspicious Objects, Behavior, & Potential Security Threats
Security Convergence	Safeguard Physical & Digital Assets
Internet of Things	Enhance Threat Tracking & Analysis through Integration

Commercial Department

Big Data & Intelligence	Optimize Logistics, Enhance Efficiency, and Drive Profitability
Infrastructure	Streamline Operations, Boost Connectivity, and Reduce Costs
Video Intelligence	Enhance Safety & Security, Monitor Activities, and Improve Decision-making
Security Convergence	Safeguard Physical & Digital Assets
Internet of Things	Enable Real-time Monitoring & Improve Asset Management

AI-powered Security Operations Center

Real-time Alerts and Actionable Insights for Safer Port Operations

Security Convergence

All-in-one network and digital asset protection. From internal and external threats across digital and physical landscapes, innovative AI-powered IT and OT security technology has you covered.

Intelligent Video Analytics

People & Equipment Recognition

- Monitors and Sends Alerts for PPE Protocols
- Enforces Blocklists to Bolster Security Measures
- Identifies Personnel and Visitors via Biometric Data
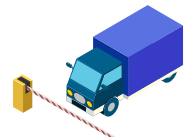- Track and Monitor Containers (including Damage)

Dangerous & Illegal Activity Prevention

- Restricted Area Intrusions
- Theft & Tampering Detection
- Smoke and Fire Alerts

People & Vehicle Flow Management

- Reduces Entry into Unauthorized and No Re-Entry Areas
- Entry and Exit Analytics for Efficient Port Management

System Integration

- Supports Every Major CCTV and IP Camera Protocol
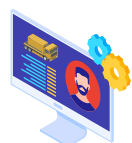- Seamlessly Integrates with Existing VMS Software

Vehicle Detection & License Plate Recognition

- AI-powered Vehicle Search Capabilities
- Automated Traffic Congestion Alerts to Drivers
- Actionable Insights for Port Managers on Trucking
- Streamlined Visitor & Vendor Access

Access Control

- Streamlines Workforce Operations
- Precise Access Management for Staff
- Seamless Clock-in and Clock-out Procedures
- Bolsters Security Measures

Network Security

Anti-DDoS

Detects and blocks threats from malicious IP connections to DDoS attacks with AI.

Honeypot

Clamps down on malicious activity and effortlessly blocks suspicious queries.

Multi-Authentication

Identity theft and brute force attack prevention with multi-layered AI.

Endpoint Protection

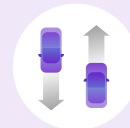Combines real-time continuous monitoring and collection of endpoint data.

Taiwan
Ensuring Efficiency & Safety

A Taiwanese port network needed a solution to combat increased vehicle congestion. To combat trucking congestion, Gorilla launched an app, combining data analytics and AI technology to enable road users to get up-to-date port traffic information.

Solutions

Video Analytics	Gorilla's vehicle analytics identifies and counts the number of trucks lined up at the harbor to provide traffic condition insights.
Data Integration	Provided an app to truckers with comprehensive information such as real-time video feeds, vessel movement, and traffic conditions through the app.
Predictive Analytics	Provided 24-hour predictive traffic insights and enabled ports and truckers to schedule accordingly.

Results

- Improved insights into traffic conditions
- Truckers reported actionable insights
- Boosted port and trucker scheduling

RECOMMENDED HARDWARE

Edge Vision AI E-300

- For indoor and harsh outdoor environments
- Deployed with customized or pre-loaded video analytics
- Multiple video analytics in one AI
- Hailo-8's chipset - more channels of video with less powerful CPUs.

Ready for a Demo?
www.gorilla-technology.com/contact

CUSTOMER SUCCESS

Open, accessible, and ready to assist - always.

Initiate & Plan

Iterate, Deploy, & Ceritify

Finalize & Certify

Sign Off & Celebrate

Gorilla's Customer Success gives governments and enterprises the tools and guidance to achieve a smart and safe future. Without fail, we research, integrate, deploy, evaluate, and maintain solutions along every process.

Products & Solutions

DeepTunnel

IaaS Providers DeepGate

Internet

IoT

Camera

HQ Data Center

Virtualization Infrastructure

Storage

Server

IDS/IPS

NDR

Firewall

WAF

Network

Infrastructure

Backup Generators

UPS Units

24/7 Cooling Units

Heat Excahngers

Air Conditioning

Gorilla Network Edge (Hub/Mesh)

MPLS

Broadband 4G/5G

Gorilla Agent for Network Edge

Branch Office

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ENABLING SMART CITIES

Post Event | iCCTV | IVAR

Smart City Application Platform

Data Governance

vCenter, OpenShift Zabbix

SNACS

Gorilla Network Orchestrator

NOC Network Operation Center

SIEM

SOAR

IR-Tookit

TIMAP

SOC Security Operation Center

Smart Building

Smart Transportation

Smart Security

Smart Governance

Smart Infrastructure

SECURED SMART SERVICES

Smart Town Planning

Smart Engergy

Smart Water & Sanitation

Smart Education

Smart Healthcare

Global Footprint

With over 20 years of hands-on experience across the world, Gorilla Technology has grown to deliver superior AI solutions and services to enterprises, cities, and governments worldwide.

London, UK
Global HQ & Research & Development

New York, USA
Business Development

Taipei, Taiwan
Global Innovation Center

Seattle, USA
Business Development and Consulting

Bangkok, Thailand
Sales & Customer Success

Chennai, India
R&D, Customer Success and BD

Bogota, Colombia
Partner & Business Development

Cairo, Egypt
Middle East and North Africa Operation Center

Notes