VPoort Enterprise

**The E-Gate Enterprise
Platform Software**

Control Room,
Registration
Office and
Kiosk

VPoort Enterprise the intelligent gate management software platform is providing capabilities to control and monitor security systems through centralized console management platform. It allows integration of different hardware systems working together in harmony under central management application.

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Featuring

- An open architecture scales from single site installations up to fully enterprise security solution system

- Supports high industrial standards, existing sensor and device protocols

- Utilizing multiple smart modules allows managing enterprise solutions under one umbrella.

Main features:

1. Smart Tools to enhance operator efficiency & better security

Continuous event monitoring allows operator to manage massive information provided via the smart tools.

- Automatically provides decision-makers with high quality Data about the event and its context.
- Popup screen display monitored object closer camera Snapshot with presumed object actual status.
- An automated alarm via popup screen displays on the main control room monitors with detailed information about the detected object, where the specialized supervisor can take the necessary action.

2. Automatic standard protocol & guidelines display

- **VPoort** display provides a clear common operating picture to facilitate faster decision-making.
- **VPoort** allows the operator to control all system devices. Automatic monitoring and rapid integration of threat data from smart integration reduces the time to respond and act, while improving response accuracy.
- Automatic system notifications will be sent via SMS, VMS, E-mail, etc., to the authorized persons upon request.
- **VPoort** has an artificial intelligent system that learns over time and distinguishes between actual alarms and false ones, therefore maximizing precision.
- The Integrated system will keep watching carefully and warns the supervisor if he did not go with proper procedures according to its prerequisite A.I database pervious situations scenarios.

3.VMS & DMS

- **VPoort** will record video & data by defined string contains site, area, location, gate, date, time, camera ID, lane, device, etc in order it can be easily retrieved through selective search criteria filter options.
- The recording producers support multi-tasking sessions where video & data can be recorded on transaction temporary media (Video & Data Servers) to be transferred for recording later on master and permanent data storage (NAS/SAN…).

- **VPoort** can create any number of cameras, sensor groups, which can be added from the same NVR, DVR, Video Server, Data Server or via 3rd party integration of analogue and/or digital surveillance systems, where each group uses window screen that may contain specific cameras from specific areas, or specific tasks or upon needs whatever camera input source is.
- That created camera, sensor groups can be defined in multiple form layout based on each group priority (high, medium, low, normal) depending on each group of camera area and events coverage.
- The system supports camera specified auto archive data based on the captured video clips or snapped photos importance level, which can be defined previously

4. Auto Threat Notification -ATN

VPoort will automatically send any possible threat by animated flashing light& buzzer on the site screen which reflects threat status according to used scenario.

5. On Line Transaction & Archiving

VPoort live event transaction viewer monitors vehicles & persons access status input/output transactions into system platform.

6. Alarm Viewer & Control

VPoort monitors and archives any type of system abnormal behavior situation that may occur into the entire system according to the alarm level (Low, Medium, High) in case of (power down, connection lost, any failure of bollards, barrier, traffic light, turnstile, controller, switch, access point, workstation, server, camera, NVR, ANPR, UVSS, platform …) where the operator can take quick and accurate action to solve the situation where this function considered the entire system mirror that reflects system status.

7. Event Viewer

VPoort will monitor and archive the whole system platform actions that run into the entire System architecture according to the integrated hardware solution systems. The operator can check road map of the system behavior and report.

8. System Health, Safety Self Checkup & Environmental Monitoring

VPoort provides intelligent operation self-checkup and environment of the entire platform periodically every hour, day, month; to ensure system high availability and performance, checks up temperature, humidity, overload, air conditioning, etc. Upon request checkup results will notify authorized persons in the maintenance team via SMS or E-mail.

9. Sustainability and Preventive Maintenance

VPoort provides intelligent functions to keep sustainability of the entire platform; by running smart redundant services at system background to keep it fully available, and preventing any sudden failure. This intelligent service will keep watching every single detail of the system performance, and replaces misbehaving function by other service and report while fixing the misbehaving function.

10. Audit & Users Authentications

VPoort provides full audit capability by archiving every single action that the user/admin takes. Only system admin has the rights to view the log file. The system applies Microsoft windows user authentication standard procedure, rather than getting snapshot of the user photo during password login.

11. Action Positioning Simulation

VPoort provides intelligent capability through simulation charts of the real actions that is currently happening second by second, step by step. Display real interactive platform architecture in real mode, which will provide the operators with a comprehensive vision of what is going on in the site.

12. Reporting system

VPoort supports full details reporting with wizard template for any needed info regarding the system event history from event system, self-check reports, current users with their authentications, archived date, etc.

13. Disaster Recovery – DR

VPoort supports intelligent feature of smart database recovery in case of emergency, where system transactions and captured high-level video feeds with snapped photos will be automatically replicating concurrently at two different data base locations.

14. Third Party Integration

VPoort has full capability and open platform source architecture with universal protocols to be integrated easily with any 3rd party hardware and software systems (surveillance, access control, intrusion, fire alarm, BMS, firefighting system, etc…).

15. Statistical Reports

VPoort supports full statistical reporting. It includes a set of pre-defined reports that can be modified and saved by the operators. Reports will allow the operators analyze threat trends, system history of detected threats, penetrations, and intrusion attempts.

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