

OVERVIEW

NOVUS, **VGO-ezy**, an innovative web-based system has introduced automation for day to day services like access control, elevator control, vehicle control using RFID or license plate recognition, and visitor management using the web-browser user interface. Executing a new automated system and upgrading an old manual one is an uphill task. Failure to implement could result in loss of valuable resources and time. **VGO-ezy** acts as nerve center for the entire solution



Modules:

- Access Control Unit (ACU).
- Elevator Control Unit (ECU).
- Vehicle Control Unit (VCU).
- License Plate Recognition (LPU).
- Visitor Management (VMS).

Benefits:

- ✓ One Platform Solution.
- ✓ New Device and Software Configuration.
- ✓ Surveillance integration.
- ✓ Easy Backup and Restore.
- ✓ Flexible Distribution.
- ✓ Import and Export of Data.
- ✓ Intelligent and active reporting.

Server or Embedded Your Choice!

Server Model:

For server model, software is distributed as a complete package in the executable format. It can be easily imported into Linux operating system such as Ubuntu. Server distribution is tailor-made for large organization handling humongous amount of data.



Embedded Model: -

In this model, software is delivered on an embedded mini-computer. The ready to use solution can be installed at a drop of a hat by installer. The system can be made running by connecting to power supply and Ethernet cable. Embedded system distribution is ideal for SME. Initial cost is minimized as there is no requirement for a dedicated server.

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Features

One Platform Solution

Vgo-Ezy is one platform solution for all your access control and parking related worries.

User can perform multiple actions of vehicle control, access control, elevator management, visitor management and license plate recognition from a single platform.

Surveillance Integration

For adding surveillance booster to existing system, IP cameras can be integrated at strategic points resulting in enhanced solution.

A snap can be captured when a user authenticated and output performed by controller.

Open Integration

User wishing to add any new software for enhancing the features of Vgo-Ezy can do it without any hassle. New applications can be integrated seamlessly.

Software can be smoothly integrated with third party application. Seamless integration ensures no side effects on the existing state.

Enhanced and Active Reporting

Real time reports are generated for all the vehicles entering and exiting the premises. User can export the report in excel and pdf format. Copying and printing can also be performed from the web page.

Archiving record is essential for monitoring and analysis purposes. Record can also be useful for certain unfortunate incidents.

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Realtime Monitoring

All the devices are continuously monitored for fault or any aberration.

Communication is established via ping, ICMP and SNMP.

User informed through e-mail alert in case of any alarm, so that an appropriate action can be taken to prevent any mishap.

Mobile App

Integration with mobile app also available, use can control their profile and block/allow their vehicle from exit.

Visitor pre-appointment is also possible using Vgo-ezy mobile app.

App is available on google play store and app store for IOS users.

Export and Import of Data

Vgo-Ezy provides easy import and export of data. User profile can be imported to system by single click without any hassle.

Files can be seamlessly imported and exported from the system. Moreover, the exported files can be assigned a format like pdf, excel etc.

Backup and Restore

Vgo-Ezy makes sure that all the data are securely backed up. In case of any aberration, organization data can be restored to its original form. Backup and restore features another layer of security in the existing system.

All the relevant files are neatly backed up in event of any exceptional circumstances. Back up files could be restored to its original position without any hassle.



Web Management Interface

Vgo-Ezy equipped with built an innovative web-based management interface. Existing software can be immaculately scaled to higher or lower level based on requirements. User based role can be assigned for multi-tier web-based software access.



Software Specifications

Parameters	Description
Management	Web based management
Operating System	Linux (Ubuntu 14.04 or Higher)
Database	MY SQL
Notifications	Push notification, dashboard and App
Access Control Features	Access Group, User Master, Controller and door management, Anti Pass-back Alarm Linkage, time-profile,
Smart Features	Surveillance Integration, API integration, ANPR integration, Hardware integration (Card/QR access) with Visitor management.
Other Features	E-mail Configuration, Remote Door Opening, Dynamic User role, Flexible reader/card integration, backup and restore, activity log, enhanced reporting.

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Hardware Requirements for Server Model

Parameters	Description
CPU	Intel Xeon i5 Or Higher
RAM	8 GB
HDD	500 GB OR More as per requirements
Network Interface	1x 10/100/1000 Mbps
Users	Unlimited (Hardware configuration will differ for no of modules and users)
Operating System	UBUNTU 14.04 or Higher
Database	My SQL
Management Interface	Web Based Management (Chrome, Mozilla, Edge)
System Architecture	Web Based, Multi-tier system

*Specs may change as per module integration and user configuration

Hardware Specifications for Embedded Model

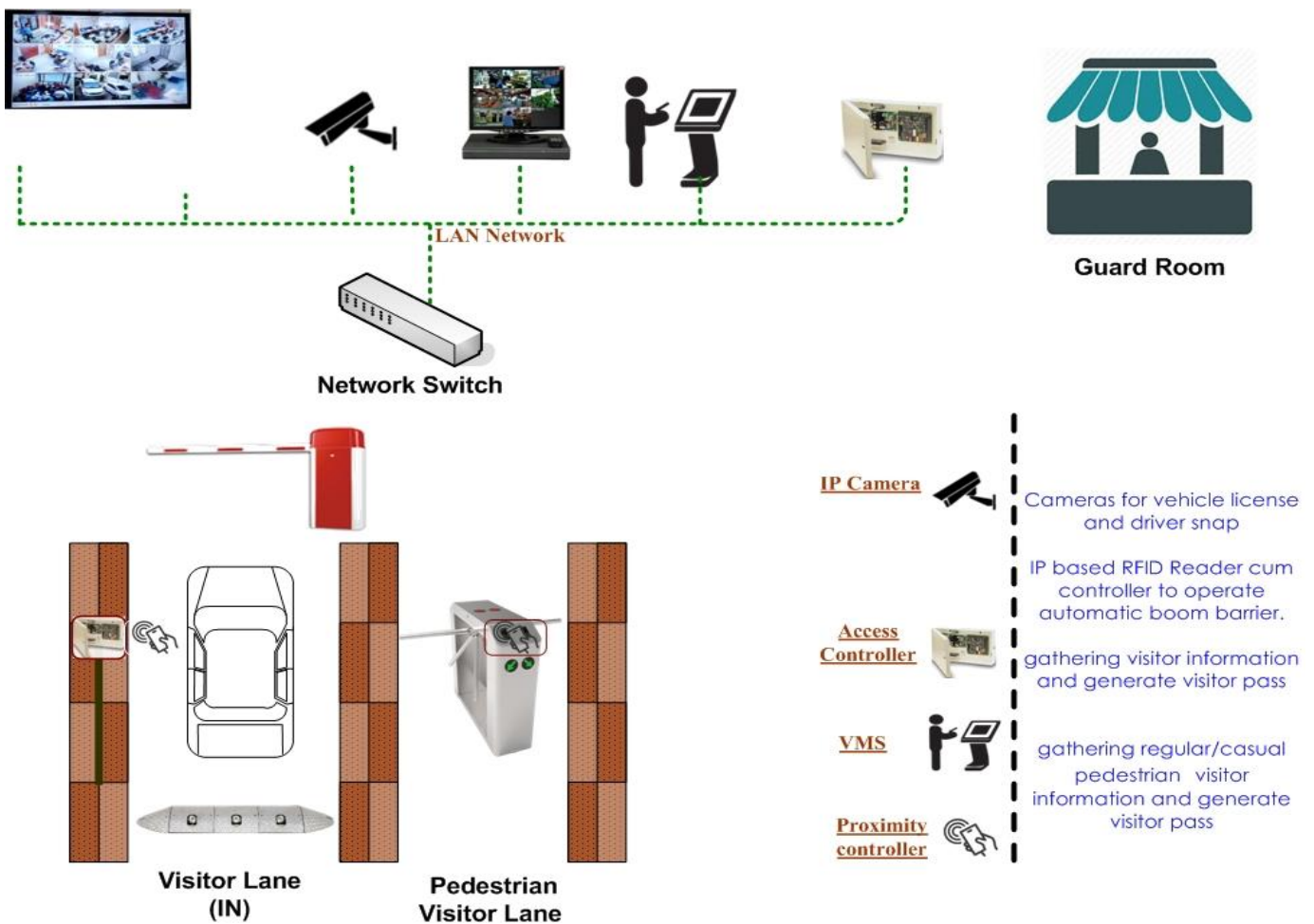
Parameters	Description
Model	NS-Vgo-Ezy
CPU	Arm, Quad Core @ 1.8GHz
Memory	2 GB
Storage	16 GB eMMC
Display	1×HDMI, 1x VGA
Communication Interface	TCP-IP, 1x 100/1000 LAN
USB	2x USB
Working temperature	-20~+50°C
Power	5 V DC
Size	126 mm× 91.3mm



Parameters	Description
Users	1000
OS	Embedded Linux
Database	My SQL
Management Interface	Web Based Management (Chrome, Mozilla, Edge)
System Architecture	Web Based, Multi-tier system

*Mobile app and Anti pass-back will not be available with Embedded model

Network Architecture:



Licensing Information:

Base Software	Vgo-Ezy	Required
		*at least 1 module required with base software
Addon module	Access Unit (ACU)	License limit on Controller + Users count
Addon Module	Elevator Control (ECU)	License limit on Controller + Users count
Addon Module	Vehicle Control Unit (VCU)	License limit on Controller + Users + Vehicle count
Addon Module	LPR Unit (LPU)	License limit on Controller + Users + Vehicle count
Addon Module	Visitor Management (VMS)	License limit on Controller + Users (host)
		*T&C apply

Hardware Information:

Module	Hardware Required
Access Unit (ACU)	Controller (NS-ACU-10XX), Card Reader
Elevator Control (ECU)	Controller (NS-ECU-10XX), Card Reader
Vehicle Control Unit (VCU)	Controller (NS-VCU-1001), RFID Reader, Camera (Optional)
LPR Unit (LPU)	Controller (NS-LPU-10XX), LPR camera.
Visitor Management (VMS)	VMS Client terminal + Hardware integration (Optional)
	*T&C apply

Disclaimer: Brief product specifications are mentioned, that may change without prior notice, please check with OEM before purchase. Images are shown for reference only; actual product may differ due to product enhancement.

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