



TMS PRESENTATION

**BY TECHNOVAA SOFTWARE &
HARDWARE SOLUTION PVT
LTD**



TABLE OF CONTENTS

1. 1. Introduction.....	4
1. Our Mission	5
2 Services & Product	6
3. Plaza layout & Working Principle	8
4. Hardware Scope.....	11
5. Unique Features	12
5. Control Panel	
Front View	13
Internal View	14
TECHNOVAA TMS Panel	15
6. Software Section	16
6.1 Booth Module	17
6.2 About Booth Application	18
6.3 About Cashup Application	19
6.4 Reporting Module	20



TABLE OF CONTENTS

7. About Reporting Module	21
8. Reporting --	
8.1 Daily Traffic Report.....	22
8.2 Consolidated Report.....	23
8.3 Monthly Pass Detail	24
8.4 Login Logout Details.....	25
8.5 Current validation	26
9. Audit Module	27
9.1 About Audit Application	28
9.2 Live Monitoring	29
10. Data Management System	30
11. Our Valuable Clients	31
12. Project References	34
13. End Page	35



INTRODUCTION

- The Company **TECHNOVAA SOFTWARE & HARDWARE SOLUTION PVT. LTD..** Our Organization works in all different streams regarding of Integration/simulation of hardware related to Highway solution (including of software, systems, Electrical). Technovaa is competent with technically to solving TMS/ATMS issues. Traffic safety is the biggest priority for us, towards many but getting a solution has always remained as question mark, Technovaa is committed to resolve issues through technology, R&D and products. We have to done various Type of projects for Toll Plaza and highways with Different organization according to their client's management like **NHAI, MORTH, MPRDC, MSRDC, TNRDC, RIDCOR, PWD** and etc. The Core area of Technovaa build strong system with fastest information process and with low maintenance cost. We have a technical team to give performance in all different areas. Including of TMS/ATMS software is totally customizable according to concessionaire requirement with effectiveness & Accurately at the point of Satisfaction.



OUR MISSION

- ❖ Technovaa developing sophisticated end-to-end Toll Road Management solutions to address the challenges faced in Tolling sector. Our company has a rich and diverse experience in managing toll plazas. Our toll management software is customizable and user friendly. In addition, our staff is expertise's in all type of hardware integration, establishing public/private networks based on Wi-Fi or LAN, AVCC with profile Based, Advance Barrigate System. setting up surveillance system (like Camera IP/IR/CCTV) . Also provide Online Database Management system for all toll connectivity
- ❖ Our mission is to provide innovative, comprehensive, and cost-effective toll consulting services and solutions to toll authorities and concessionaires. We have been managing more than 10 toll plazas many other parts of India. We are having large Market in Annual Maintain Contract (AMC) regarding of toll system, we have installed over 150 cameras in 11 locations integrated with AMC.
- ❖ We have a team of highly qualified professionals comprising of software, hardware and network engineers, and they enable the company to offer superior services.



PRODUCT & SERVICES

- ❖ Advance TMS system.
- ❖ Highway ATMS system.
- ❖ GPS based Tolling Device and Management
- ❖ Advance/Automatic Parking System.
- ❖ AMC services for any kind of transportation installation at booth manner comprehensive & non-comprehensive.
- ❖ Online support services for any kind of problems related to tolling system 24X7.
- ❖ Installation of Plaza, Booth and canopy Electrification.
- ❖ Highway Electrification including of street light and High Mask.
- ❖ Installation of vehicle Identification camera & DVR, NVR.
- ❖ `Installation of electronic ticketing machine with customizable software with barcode.
- ❖ Industrial hardware integration software.
- ❖ Advance Traffic Survey with ATCC based.



✓ Security Features

- ❖ The System has comprehensive security features.
- ❖ Login and logout of operators with authenticated user name and password which are created from Toll Administrator
- ❖ Advance login system with biometric technology.

✓ Toll Database Server (TMS).

- ❖ All the Master Data is received from TMS Server at the beginning of the Shift
- ❖ Sensitive reports are fired based on access permissions.
- ❖ Separate AVCC database blog, Even working in condition of if lane closed.
- ❖ The Vehicle Registration Number and Journey count is displayed on LED Display board.

✓ Enterprise Integration Capability

- ❖ Connectivity to Corporate Server through Internet or VSAT
- ❖ Connectivity to Corporate Server through Internet or VSAT
- ❖ Protocol is SMTP on TCP/IP.
- ❖ Secure 128-bit Encryption to protect sensitive information.
- ❖ All Toll Plaza system Operations can be monitored and controlled from one corporate location through the advance corporate module.

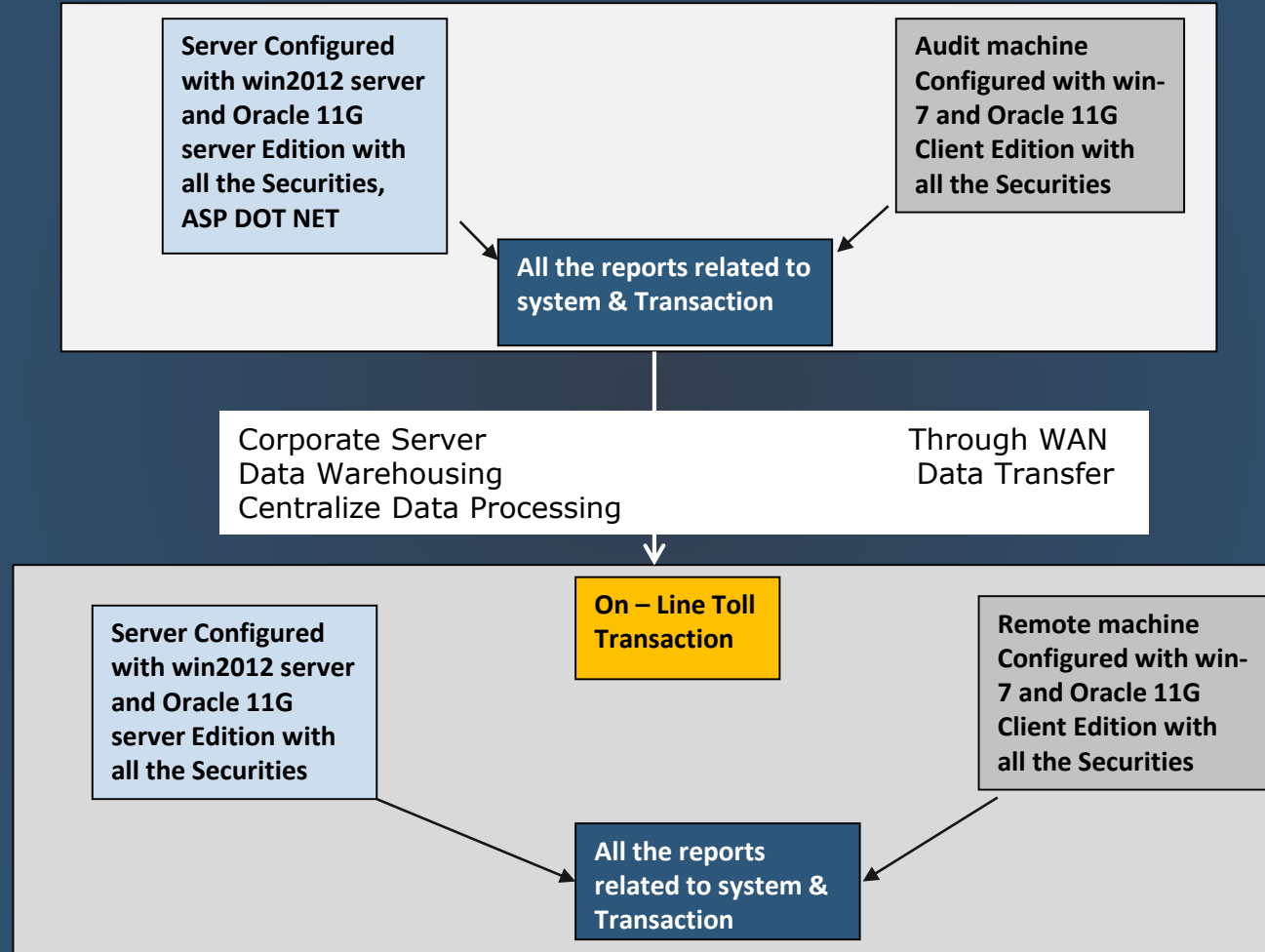


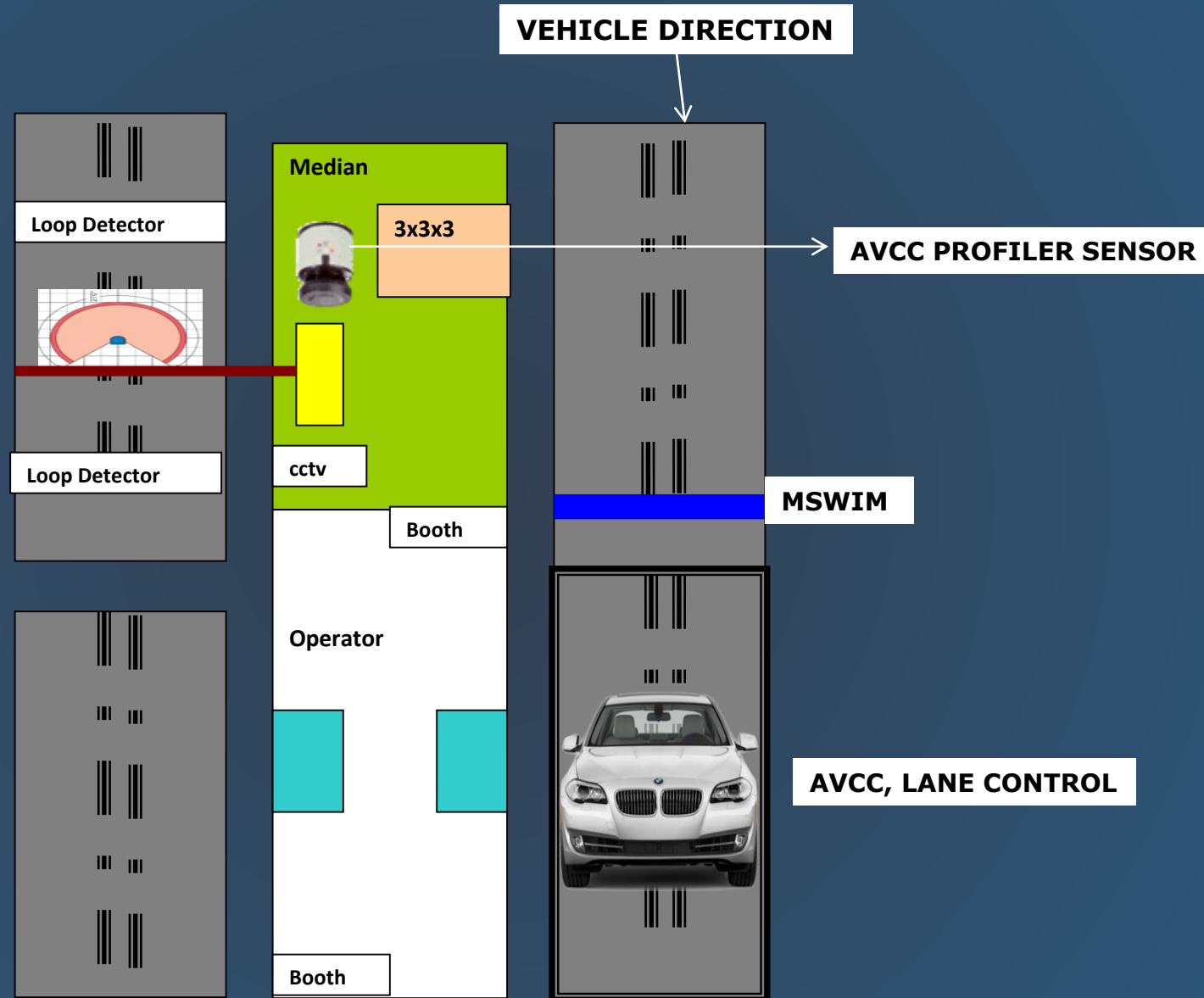
PLAZA LAYOUT & WORKING PRINCIPAL





PRODUCT & SERVICES







TMS HARDWARE SCOPE

The Lane controller is located in the tunnel / tollbooth. Installed with

- ❖ Lane Computer with Advantech/Industrial board,
- ❖ Lane power supply with SPD and separate MCB's,
- ❖ AVCC/Traffic light/OHLS/Barrigate Compact Controller with micro processor based,
- ❖ Different Power Supply with proper socket connectivity,
- ❖ Solid State Relay for different external devices,
- ❖ All the devices connected and communication establish with Ethernet port

It acquires the lane data & data from through fastest que of following lane Equipment's and transmits to the Plaza Server in real time.

- ❖ Automatic high Speed Barrier
- ❖ User Fare Display
- ❖ RFID with directed frequency level
- ❖ Overhead Lane Signal
- ❖ Transaction/LPC IP based camera
- ❖ Traffic Lights
- ❖ WIM with bending Plate
- ❖ Vehicle separator, etc.



OUR UNIQUE FEATURES

- ❖ Biometric Authentication for every user.
- ❖ Module Authentication as per the designation.
- ❖ Single Controller to manage all the plaza hardware / equipment independently.
- ❖ Controller communicates and transfers data through the Ethernet port very efficiently.
- ❖ Each transaction is mapped online for all lanes in single screen.
- ❖ After completion of validation, Cash-up is performed.
- ❖ Transactions can be recorded even if any vehicle passes through the close lane.
- ❖ Dynamic reports can be filtered according to User, Lane, Shift, Date, Month. Further customization as per the requirement.
- ❖ We provide SCADA (supervisory control and Data Acquisition) technology for online monitoring of hardware connectivity.

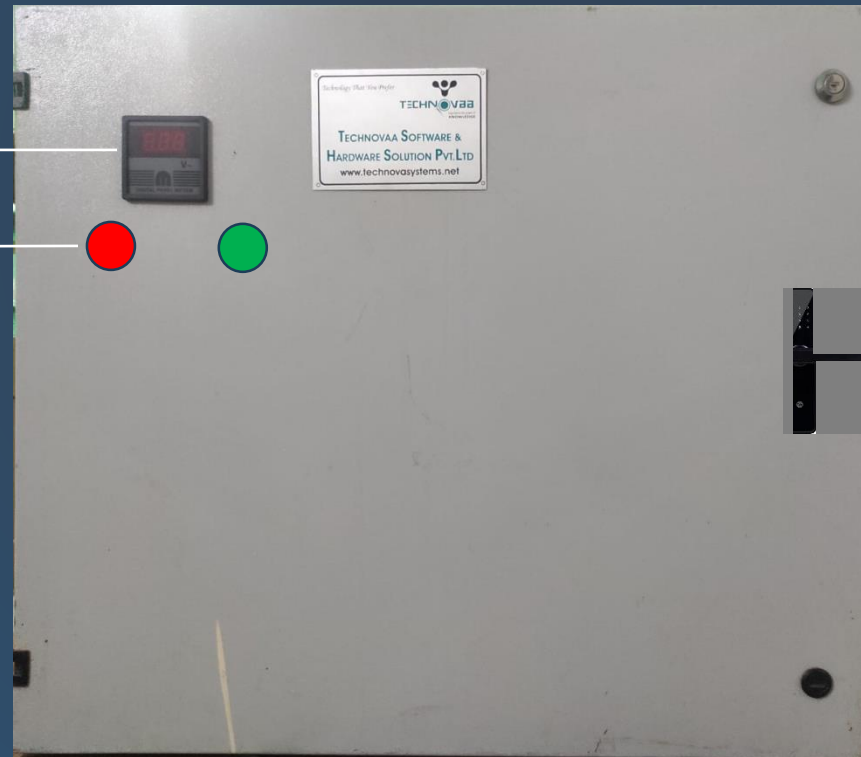


OUR CONTROL PANEL

FRONT VIEW

VOLT METER

POWER
INDICATION
RED/ GREEN



LOCK AND KEY



OUR CONTROL PANEL

INTERNAL VIEW



Exhaust fan

Micro controller

MCB/SPD for panel
supply and Devices

Devices Connector

LOOP Detector

Lane PC with Industrial
Board

AC/DC Supply



TECHNOVAA TMS PANEL

Technovaa design & develop the control panel including of various micro controller based devices with power supply, communication ports for each devices and make capable to integrate with many electronic devices for analog and digital data output.

- ❖ Control Panel based on PLC micro-controller device works with channel wise to rectify the laser beams and provides output in profile image (telegram method).
- ❖ The panel doesn't contain any PCB card base signal input/output circuit.
- ❖ The control panel communications based on the Ethernet port, very fast data transition without any interruption and secure data for all the devices.
- ❖ Control panel installed with surge protection device, separate MCB and RCB Voltage controller APFC to protect each devices, also reduce the down time of the function.
- ❖ All the devices put into the panel as a plug - n - play manner, So the Installation and maintenance is very easy to understand and execute.



SOFTWARE SCOPE TMS

- ❖ Technovaa has self developed Software, with platform of C # and Oracle as database, as per norms of NHAI Technovaa develop and implement the TMS, which is suitable to integrate all hardware device which install at toll plaza and highway management system, TMS upgradation happens time –to – time according to the technology upgradation and client requirement.
- ❖ Technovaa TMS is based on --
 - ❖ User Friendly
 - ❖ Software Integrity & Security
 - ❖ TMS modules (Lane software, Server Database, POS, Cash-Up, Admin, Reports & Remote Etc.)
 - ❖ SCADA supported TMS for regular values of each device.
 - ❖ Integration of surveillance system into the TMS
 - ❖ . Technovaa Software structure easy to install and maintain
 - ❖ Smart card, RFID, Barrigate, IP camera, ANPR Camera, AVCC (Automatic vehicle classification), Bar-code, UFD (User Fare Display), VMS (Video Management System), QR-code based integration with the TMS Software

BOOTH MODULE



VEHICLE NUMBER
DISPLAY

VEHICLE CLASS
CATAGORIES INDEX

PREVIOUS
TRANSACTION
HISHTORY

Operator C 17:21:02 PM
0 CASH F11 EXEMPTED F12 PASS Log Out

Vehicle Type
Space ☐ Return Check

Barcode Ref

Select Vehicle

Car,Jeep [F1]	LCV [F2]
BUS [F3]	TRUCK [F4]
MAV [F5]	TOW [F8]
AUTO [F6]	

Select Journey

Single [S]	SPACE
------------	-------

Clear []

ETC TAG READ [F9]

Wait Mode

ION ID	VEHICLE NUMBER	VEHICLE CLASS	JOURNEY VEHICLE	VEHICLE
018130	MP098789	Car,Jeep	Exempted Vehicle	
018134	NEW	Car,Jeep	Exempted Vehicle	
018135	MP14CC4341	Car,Jeep	Cash Vehicle	
018137	MP14CC2868	Car,Jeep	Cash Vehicle	
018138	RJ402855	Car,Jeep	Cash Vehicle	
02018140	MP09GF0281	LCV	Cash Vehicle	

MANDSAUR TOLL PLAZA
AT
SH-15

ETC STATUS
DEVICE STATUS
ETC Connect
TAG STATUS
Tag Status
Tag ID
ETC Device Check
ONLINE
Cash Entry [S/H]

DEVICE STATUS
CHLS
BARRIER
TRAFFIC LIGHT
SMART CARD
Smart Card Check

VIDEO CAMERA
LMS Status
AVCC SENSOR
LFD DISPLAY
HAPPY JOURNEY
VISIT AGAIN

LPR CAMERA VIEW

BACKSIDE VIEW

LMS GRAPHICS IMAGES

IN THIS SECTION
WE SHOW ALL THE DEVICES
INDEICATION
WHICH IS CONNECTED
LIKE
OHLs ,TRAFFIC LIGHT
TRANSACTION STATUS ETC

DB ONLINE /OFFLINE INDEICATION

ETC DEVICES STATUS



ABOUT BOOTH APPLICATION

- ❖ This application is safe and secure only authorized person Login criteria.
- ❖ User can easily select the Vehicle class/Transaction mode as per given by NHAI/Client.
- ❖ Booth application has both module with data process in offline & online, and automatically revert database process.
- ❖ Transaction process getting information through all the hardware's stepwise, so it is very easy without any interruption.
- ❖ All connected devices indications/process shown in the same window.
- ❖ If any wrong step then software open error pop up for user guidance.



ABOUT CASHUP APPLICATION

This module is highly secure, only authorized person can use this application.

Through this module we can assign shift, cash up declaration report generate

In this module we provide various option like

- 1 Employee Detail
- 2 Cash up Declaration.
- 3 Float Assigning
- 4 Manual Transaction Data Entry.

With more option and filter related to shift/day/moth etc.



REPORTING MODULE

TECHNOV33 (REPORTING MODULE) - [dailycollectionrc]

Revenue Report Traffic Report Revenue_Traffic Pass Details AVCC Accuracy Report Login Logout Report EXIT


Daily Collection Report

Select Date: 17/07/2020 Shift: ALL Submit

1 / 1

SAP CRYSTAL REPORTS

Main Report



PALERA TOLL PLAZA **DILIP BUILDCON LTD.**

Daily Collection Report Shiftwise

From Date: 17/07/2020 Shift: ALL Generated By: admin

Shift	System Collection [A]	Manual Collection [B]	Cancellation [C]	POS Collection [D]			Net E=A+B+D-C	Short [F]	Excess [G]	Gross [E+G]
				MONTHLYPASS	NEWCARD	TOTAL				
A	31,200	0	0	85	100	185.00	31,385	0	5	31,390
B	21,540	0	0	0	0	0.00	21,540	0	5	21,545
Total	52,740	0	0	85	100	185.00	52,925	0	10	52,935

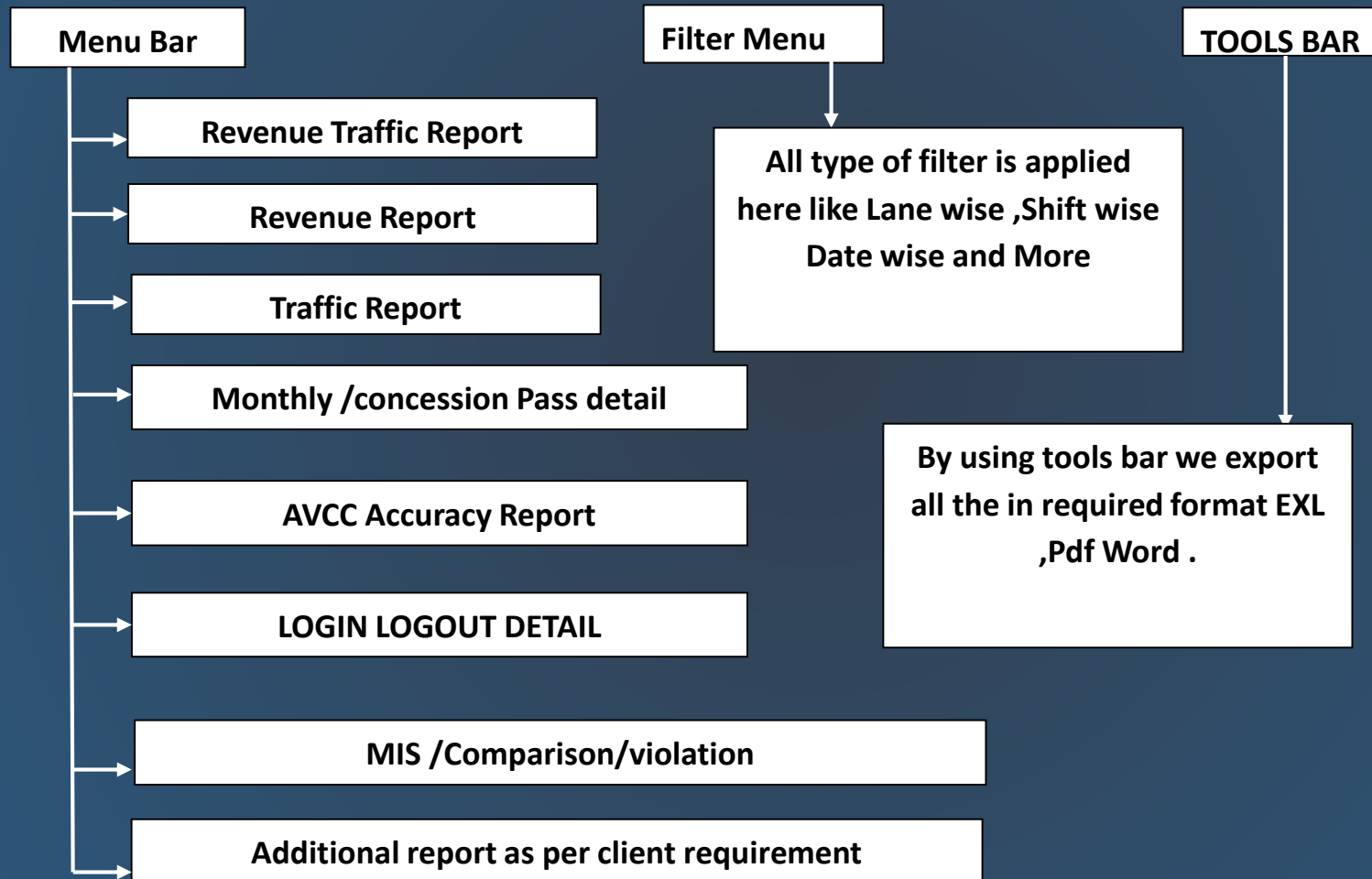
Journey Type	car jeep	LCV	BUS	TRUCK	MAV	AUTO	Total
Exempted Vehicle	67	34	0	0	0	113	214
Mawai Barcode	15	3	1	0	0	0	19
Monthly	55	0	0	0	0	0	55
Single Journey	242	120	5	6	47	0	420
Tollplaza Manual							
TOTAL	379	157	6	6	47	113	708

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

14:32 18/07/2020



ABOUT REPORTING MODULE





REPORTING

Daily Traffic Report

TECHNOVAA(REPORTING MODULE) - [Journey Type Traffic Report]

Revenue Report Traffic Report Revenue_Traffic Pass Details AVCC Accuracy Report Login Logout Report EXIT

Journey Type Traffic Report

From Date 17/07/2020 To Date 17/07/2020 Shift ALL Submit

Main Report

Journey Type Traffic Report

From Date:	17/07/2020	To Date:	17/07/2020	Shift:	ALL	Generated By :	admin
------------	------------	----------	------------	--------	-----	----------------	-------

Journey Type	Car,Jeep	LCV	BUS	TRUCK	MAV	AUTO	TotalCount
Exempted Vehicle	67	34	0	0	0	113	214
Mawai Barcode	15	3	1	0	0	0	19
Monthly	55	0	0	0	0	0	55
Single Journey	242	120	5	6	47	0	420
Tollplaza Manual							
TOTAL	379	157	6	6	47	113	708

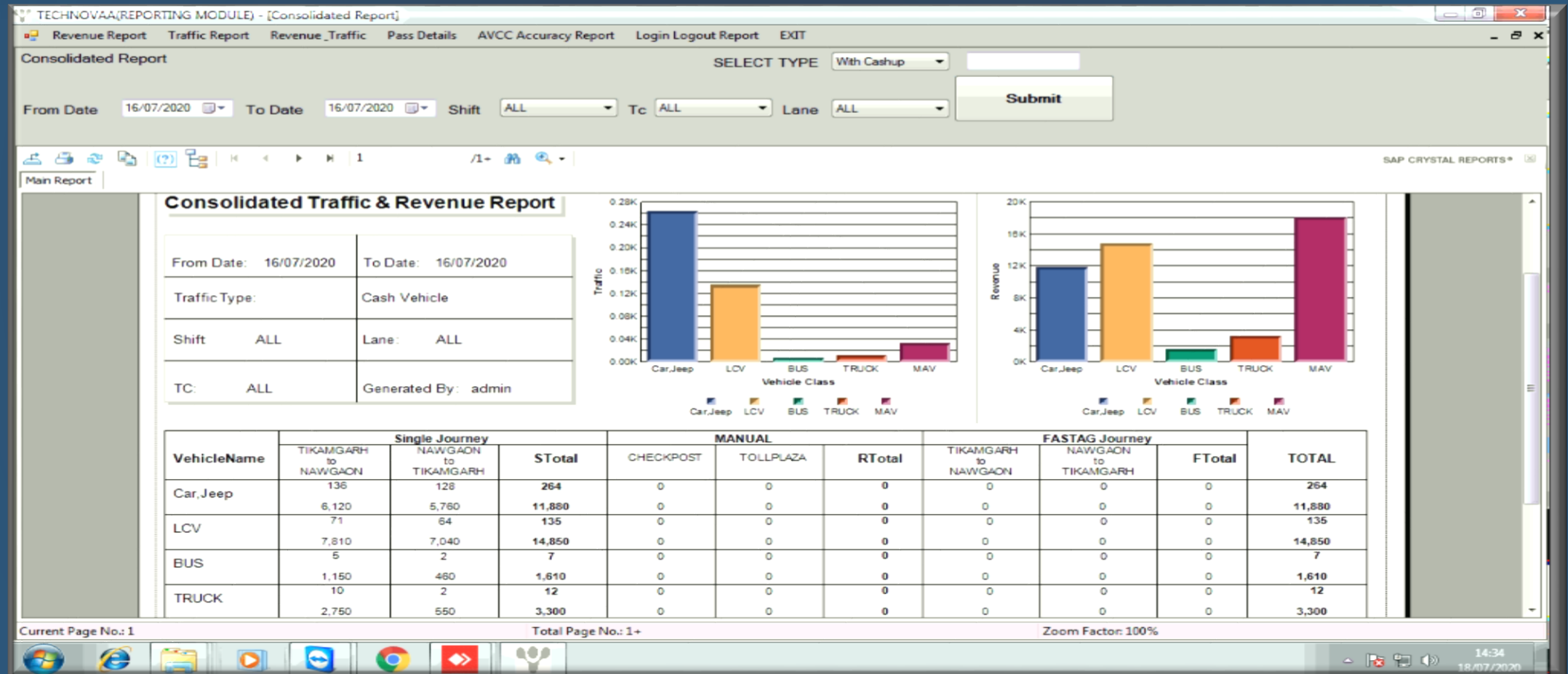
Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

14:40 18/07/2020



REPORTING

Consolidated Report





REPORTING

Monthly Pass Detail

TECHNOVAA(REPORTING MODULE) - [Monthly Pass Details]

Revenue Report Traffic Report Revenue_Traffic Pass Details AVCC Accuracy Report Login Logout Report EXIT

Monthly Pass Details

From Date 15/07/2020 To Date 18/07/2020 Shift ALL EMPID ALL STATUS ALL Submit

Main Report

SAP CRYSTAL REPORTS

Vehicle Monthly Pass Details Report

From Date: 15/07/2020	To Date: 18/07/2020	Shift: ALL	Generated By: admin
EMPID: ALL	Pass Status: ALL		

PASSID	FROMDATE	TODATE	VEHNUMBER	VEHCLASS	AMOUNT	NEW CARD	OWNERNAME	SMARTCARD	EMPID	SHIFTID	TTIME
A150720147	15/07/2020	14/08/2020	MP16BD0359	Car,Jeep	85	0	SUNILMISHRA	900238	pandey2020	A	15/07/2020 09:31:06
A160720150	16/07/2020	31/08/2020	MP36C2256	Car,Jeep	0	0	HARSH VARDHAN	900203	admin	A	16/07/2020 09:35:35
A170720158	17/07/2020	31/08/2020	MP16BD0724	Car,Jeep	0	0	HARI MOHAN	900289	pandey2020	A	17/07/2020 18:54:02
A150720148	15/07/2020	31/07/2020	MP16D0737	Car,Jeep	85	0	HARINARAYAN AHIRWAI	900294	admin	A	15/07/2020 14:06:59
A150720149	15/07/2020	31/07/2020	MP36BB1514	Car,Jeep	85	0	SANTOSH KUMAR AHIRV	900178	admin	A	15/07/2020 14:13:24
A160720151D	16/07/2020	15/07/2020	MP36BB1691	Car,Jeep	0	0	NASEEBAN BANO	900279	pandey2020	A	16/07/2020 11:06:54
A160720151	16/07/2020	31/07/2020	MP36BB1691	Car,Jeep	85	0	NASEEBAN BANO		pandey2020	A	16/07/2020 11:14:48
A160720151D	16/07/2020	15/07/2020	MP36BB1691	Car,Jeep	0	0	NASEEBAN BANO		pandey2020	A	16/07/2020 11:15:13

Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

14:40 18/07/2020



REPORTING

Login Logout Details

TECHNOVAA(REPORTING MODULE) - [loginlogout]

Revenue Report Traffic Report Revenue_Traffic Pass Details AVCC Accuracy Report Login Logout Report EXIT

Login Logout Report

From Date 16/07/2020 To Date 17/07/2020 Shift ALL Tc ALL Lane ALL Submit

Main Report

Module Login Logout Details Report

From Date: 16/07/2020	To Date: 17/07/2020	Shift: ALL	Generated By : admin
TC: ALL	Lane: ALL		

Date	TC ID	SHIFT	LANE	Module Name	LOGIN TIME	LOGOUT TIME
16/07/2020	146033	A	L3	BOOTH MODULE	16/07/2020 08:01:15	16/07/2020 19:18:00
16/07/2020	146033	A	L3	BOOTH MODULE	16/07/2020 19:19:48	16/07/2020 20:00:47
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 08:02:13	16/07/2020 19:16:01
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 19:17:57	16/07/2020 19:23:09
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 19:25:09	16/07/2020 19:37:41
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 19:38:30	16/07/2020 19:39:27
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 19:39:40	16/07/2020 19:39:46
16/07/2020	146642	A	L2	BOOTH MODULE	16/07/2020 19:40:06	16/07/2020 19:59:49

Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

14:37 18/07/2020



REPORTING

Current Validation

TECHNOVAA (VALIDATION MODULE) - [Current Validation]

Before Validation After Validation Vehicle Search Overload Vehicle Missed Vehicle Online View Cancel Ticket Exit

Current Validation

Report Type: ALL Vehicle Class: ALL Lane: ALL Direction: ALL

Vehicle No: UP93AT2818 Ticket No: L2AC1807206893

Operator: 146642 Lane: L2

TC Class: BUS AVCC Class: MAV

Remark:

Amount: 230 Validator Class: BUS

Journey: Single Journey Vehicle Type: Cash Vehicle

OK Cancel Export Show/Hide

Ready

08-08-2020 Sun 06:35:03

Camera 01

SNo	VEHNO	TICKETNO	TCID	LANE	JOURNEY	TCCLASS	AMOUNT	AVCCCLS	VALIDATORCLS	VALIDATOR_AMOUNT	TIME	EXEMT_TYPE	EXEMPT_REMARK	AUDITOR_REMARK
1	MP36T1225	L2AA1807206888	146642	L2	Single Journey	Car,Jeep	0	Car,Jeep	Car,Jeep	0	18/07/2020 08:13			
2	AUTO	L2AX1807206889	146642	L2	Single Journey	AUTO	0	Car,Jeep	AUTO	0	18/07/2020 08:14	AUTO		
3	UP78DV9947	L2AX1807206890	146642	L2	Single Journey	Car,Jeep	0	Car,Jeep	Car,Jeep	0	18/07/2020 08:15	ARMY		
4	TRAC	L3AB1906206607	146033	L3	Single Journey	LCV	110	LCV	LCV	110	18/07/2020 08:16			
5	NEW2020	L2AB1807206891	146642	L2	Single Journey	LCV	110	LCV	LCV	110	18/07/2020 08:17			
6	MP19GB5829	L2AA1807206892	146642	L2	Single Journey	Car,Jeep	45	Car,Jeep	Car,Jeep	45	18/07/2020 08:18			
7	UP93AT2818	L2AC1807206893	146642	L2	Single Journey	BUS	230	MAV	BUS	230	18/07/2020 08:21			
8	UP93BT9798	L2AC1807206894	146642	L2	Single Journey	BUS	230	BUS	BUS	230	18/07/2020 08:22			
9	AUTO	L2AX1807206895	146642	L2	Single Journey	AUTO	0	LCV	AUTO	0	18/07/2020 08:23	AUTO		
10	MP36BB0742	L3AA1906206608	146033	L3	Single Journey	Car,Jeep	45	Car,Jeep	Car,Jeep	45	18/07/2020 08:25			
11	AUTO	L3AX1906206609	146033	L3	Single Journey	AUTO	0	Car,Jeep	AUTO	0	18/07/2020 08:30	AUTO		

14:28 18/07/2020



AUDIT MODULE

Menu Bar

Filter Menu

TECHNOVAA (VALIDATION MODULE) - [Current Validation]

Before Validation After Validation Vehicle Search Overload Vehicle Violation Online View Cancel Ticket Exit

Current Validation

Date: 11/01/2021 Report Type: ALL Vehicle Class: ALL Exempt Type: OK Export

Shift: ALL Lane: ALL Direction: ALL ALL Cancel Show/Hide

Vehicle No: MP09CL0198 Ticket No: L2AX110121193797

Operator: 17750 Lane: L2

TC Class: Car,Jeep AVCC Class: Car,Jeep

Remark:

Amount: 0 Validator Class: Car,Jeep

Journey: Single Journey Vehicle Type: Exempted Vehicle

EDIT OK

01-11-2021 Mon 10:09:42

Playing L2AX110121193797 00:00

01-11-2021 Mon 10:07:00

Graph Images

SNo	VEHNO	TICKETNO	TCID	LANE	JOURNEY	TCCLASS	AMOUNT	AVCCCLS	TIME	EXEMT_TYPE	EXEMPT_REMARK	AUDITOR_REMARK
1	UP16CP6438	L3AX110121170111	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:06	Govt Vehicle	NHI	
2	RJ30C2334	L2AX110121193796	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:06	VIP		
3	MP09CL0198	L2AX110121193797	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:07	VIP		
4	MP09HD8929	L2AX110121193798	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:08	Govt Vehicle		
5	MP14CB2889	L3AX110121170112	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:09	Govt Vehicle		
6	MP09CA2563	L2AX110121193801	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:11	VIP		
7	NEW	L3AX110121170113	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:11	AMBULANCE		
8	MP14CC7606	L2AX110121193804	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:12	Govt Vehicle		
9	MP14CP2507	L2AX110121193807	17750	L2	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:14	ARMY		
10	MP14CC7774	L1AX11012170519	140837	L1	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:15	Govt Vehicle		
11	MP14C1679	L1AX11012170520	140837	L1	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:16	Govt Vehicle	MPRDA	
12	MP09CG5833	L3AX110121170114	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:17	Local		
13	MP14CC2080	L3AX110121170115	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:19	Local		
14	RJ03C2033	L3AX110121170117	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:19	POLICE		
15	MP09CD0802	L3AX110121170118	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:19	Govt Vehicle		
16	MP42C1498	L3AX110121170122	152792	L3	Single Journey	Car,Jeep	0	Car,Jeep	11/01/2021 10:22	Local		
17	NEW	L3AX110121170123	152792	L3	Single Journey	AUTO	0	LCV	11/01/2021 10:22	AUTO		

Front Image Display

Back Axel Video

Graph Images

Transaction View



ABOUT AUDIT APPLICATION

- ❖ In Validation module only authorized person allowed in this auditor audit (validate) all the transaction.
- ❖ Auditor module also available with various addition features like Cancel Ticket, Online View, and Vehicle search ETC Transaction detail all type transaction detail with multiple date, Time and class filter etc.
- ❖ In this module we can export all the transaction in required format on single click. Like Excel, PDF ,word etc.
- ❖ Technovaa special feature is Live monitoring on single window through online view, can communicate with lane











AUDIT MODULE

Live Monitoring

Online View

TECHNOVAA SOFTWARE AND HARDWARE SOLUTION PVT LTD
303, PUKHARAJ CORPORATION, NEAR NAVLAKHA BUS STAND, INDORE MADHYA PRADESH, INDIA - 452001

L1	L2	L3	L4
			
GJ9BA1837 Private Car,Jeep	RJ09G3859 Bus/Truck	MP09CH8184 Private Car,Jeep/R	RJ27PA5758 Bus/Truck
PASSVEH <input type="text"/>	PRIVATEVEH <input type="text"/>	PRIVATEVEH <input type="text"/>	PASSVEH <input type="text"/>

L5	L6	L7	L8
			
9960 Private Car,Jeep	GJ1TC0923 Private Car,Jeep/R	PB65J7955 Private Car,Jeep	GJ10X8999 Bus/Trc/R
PRIVATEVEH <input type="text"/>	PRIVATEVEH <input type="text"/>	PRIVATEVEH <input type="text"/>	PRIVATEVEH <input type="text"/>



DATA MANAGEMENT SYSTEM

1. Backup Of Data From Database
2. Import Data To Database
3. Export To Excel Sheet From Database
4. Import To Database From Excel Sheet
5. On-Line Data Import from server



OUR VALUABLE CLIENTS

- ❖ **NHAI, Kota PIU** – Fatehpur and Similiya Plazas – 16 Hybrid Lanes
- ❖ **NHAI, Dausa PIU** – Chilachond and Kondar Plazas – 16 Hybrid Lanes
- ❖ **NHAI, Lucknow PIU** – Jalwar-Bahraich Highway – 08 Hybrid Lanes
- ❖ **NHAI, Jammu PIU** – Jammu - Kathua Highway -12 Hybrid Lanes
- ❖ **Dilip Buildcon Ltd.** – 7 x 6 Lane plazas – Total of 42 Hybrid lanes under MPRDC across Madhya Pradesh
- ❖ **H.G. Infra Engineering Limited, Jaipur** – Gumanpur Toll Plaza under Sawai-madhopur NH PIU – 08 Hybrid Lanes
- ❖ **H.G. Infra Engineering Limited, Jaipur** – Kundal-Jadhol section of NH-58E, Raj. – 06 Hybrid Lanes with ATMS
- ❖ **Tamil Nadu Road Infrastructure Development Corporation project** at Madurai bypass – 3 x 6 Hybrid Lane plazas – Total of 18 Lanes through Trilok Infra, Coimbatore with Electrification.
- ❖ **A group of Tata Construction, Adityapur Tollbridge** at NH-33 in West Bengal – 08 Hybrid Lanes with Electrification.
- ❖ **Sri Durga Condev Pvt. Ltd.** – Bolangir – Soepur Section of NH-57 in Odisha – 08 Hybrid Lanes with Highway and plaza Electrification.



OUR VALUABLE CLIENTS

- ❖ **Mahucon Project Limited**- Nizamabad - Jagadapur 6-Lane project
- ❖ **Barfani Developer**- 6*3 – 18 Lanes under PWD Through Barfani developer
- ❖ **Topworth Tollways Limited**- 6*2 – 12 lanes under MPRDC
- ❖ **Sukla Construction**- 4*4 plaza – 16 Lanes under MPRDC
- ❖ **Shivalaya Construction** - 6*1 Plaza – 6 Lanes with ETC At Devghar (JH) NHAI
- ❖ **Shivalaya Construction** – 700 nos. solar street lights in Bhandara (MH)
- ❖ **KRDCL** – Haveri-Hangal 6-lane ETC in Karnataka.
- ❖ **UPP Tollways Pvt.Ltd.** – 6-Lane ETC installation –Bhind (MPRDC)



OUR VALUABLE CLIENTS

- ❖ NHAI
- ❖ MPRDC
- ❖ KRDC
- ❖ TATA
- ❖ Durga Condev
- ❖ Trilok Infra
- ❖ Dilip Buildcon Ltd.
- ❖ Topworth Infra Project
- ❖ VKSCPL
- ❖ Madhucon Infra Ltd.
- ❖ Essel Infra Projects Ltd.
- ❖ MBL Infrastructure Ltd.
- ❖ Valecha LM toll Road Pvt. Ltd.
- ❖ Eagle Deep Infra Ltd.



PROJECT REFERENCE

1. MPRDC –Tech-Head 42-Lanes (Mr. Subodh Rai, 7024124805)
2. NHAI-Tech Manager PIU KOTA 16-L (Mr. Naresh Choudhary, 9829414867)
3. NHAI-Tech Manager PIU DOUSA 16-L(Mr. PushpendRathod, 8527853290)
4. H G Infra 12-Lanes (Mr. Pankaj Garg, 8059956857)
5. Durga Condev 12-Lanes (Mr. Ajit Sahoo, 9937431041)
6. Essel Infra 16-Lanes (Mr. Pradeep Goyal, 9826386580)
7. Jamshedpur 6-Lanes (TATA Himansu Prasoon, 9199200399)
8. Topworth. 16 Lanes (Mr. Ronak Patni, 9479313987)
9. Madurai Ring Road 16 Lanes (Mr. Balachandra Nayer, 9361189190)
10. Dilipbuildcon Pvt. Ltd. 32 Lanes (Mr. K.K.Rao, 6232026604)



THANKYOU

contact@technovasystems.net ✉

www.technovasystems.net 🔗