

Smart Toll Barrier

MOSFiTM

Registered with MSME (Govt. of India)
Powered by Alaska Automation Pvt. Ltd.
An ISO 9001:2015 Company

MOSFi India's No.1 Manufacturer of Entrance Automation Product Present's

MAGNUM



EMBELLISH WITH GERMAN ENGINEERING

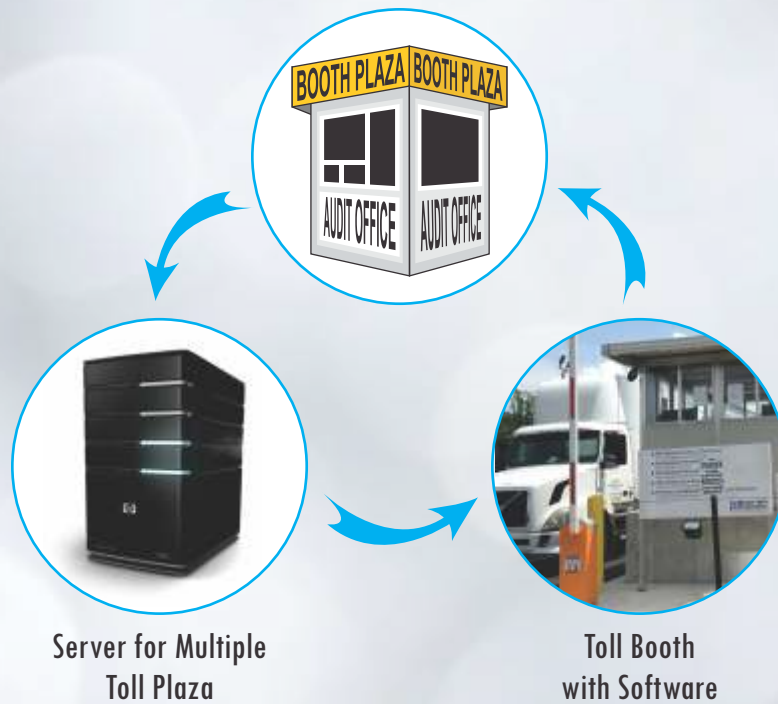
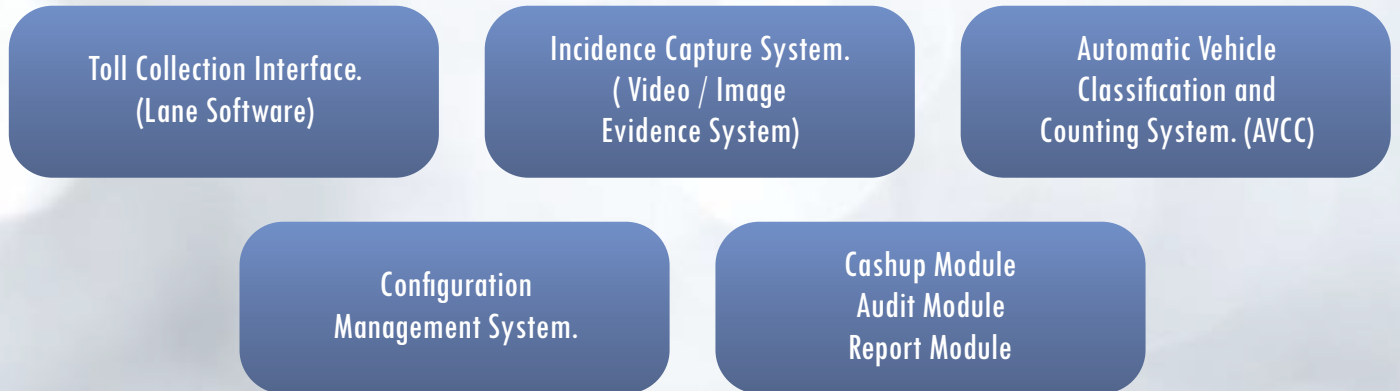


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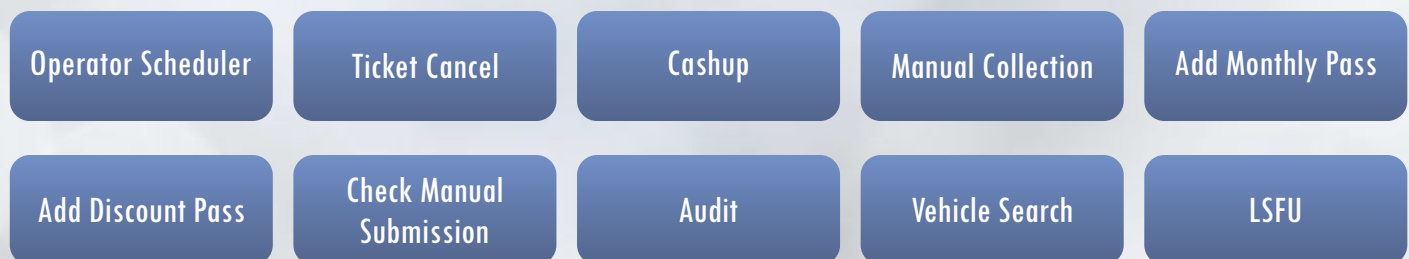
Feature of software :

MOSFi Toll Solution ensures all toll transactions done by Ticket Collector are appropriate, providing full control to the plaza Auditor and Plaza Owners over Toll Collection Process.

our system have following building blocks:



Offered Services in Magnum :



Our Magnum Barrier Toll Management software is can be integrated with :



Automatic Barrier System

Booth Camera Image Capturing System



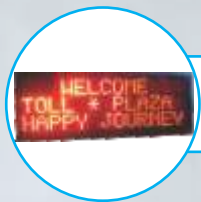
Traffic Light

Smart-Card System



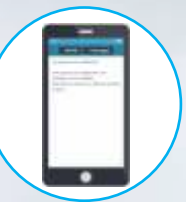
OHLS (Over Head Light System)

Toll Fare Indicator



User Fare Display

Auto SMS (Mobile SMS) Generation & Sending



Weigh-In-Scale System

Live Monitoring



Our System can Generate following Report :

Operator Collection Report

Booth Collection Report

Shift Collection Report

End of the Day Collection Report

Monthly Report

All Transaction VRN Report

Login Details Report

Pass Check Report

Monthly Pass Report

Exempted Report

Return Vehicle Report

Ticket Cancel Report

Audit Report

Special Vehicle Report

Cashup Pending Report

Operator Scheduler Report

Many more...

Kindly Note : AAPL Reserve the rights to make changes at any stage without any prior notice. Color & Shape may be changed from time to time.

Features :



SMART COLLISION DETECTION TECHNOLOGY

When boom collision with any obstacles it reverse to their opening position.

SWING OUT MECHANISM

When boom hit by vehicle it will leave automatically by their jack.



MANUAL OPTION IN CASE OF POWER FAILURE

Barrier is equipped with manual handle if power failure or any obstacle.



Specification :

Model No	Magnum 250	Magnum 300
Armlength :	2.5 mtr	3 mtr
Open / Close time :	0.6 sec	0.9 sec
BARRIER TYPE :	ELECTRO MECHANICAL CUM HYDROLIC BASED	ELECTRO MECHANICAL CUM HYDROLIC BASED
Solar / Windpower :	SUPPORTED	SUPPORTED
MOTOR TYPE :	DC24V permanent magnetsy nchronous motor (PMSMmotor)	DC24V permanent magnetsy nchronous motor (PMSMmotor)
Ratedvoltage :	AC100V-AC264V,DC24V	AC100V-AC264V,DC24V
MOTOR RATED SPED :	3000 RPM Twotime smoretorquethan conventionalasynchronous	3000 RPM Twotime smoretorquethan conventionalasynchronous
Motor Rated Power :	50W, the maximum power of 100W	50W, the maximum power of 100W
Outputtorque :	0.86N.M*140=120N.M.	0.86N.M*140=120N.M.
Power :	Standby ≤ 8W,run ≤ 100W	Standby ≤ 8W,run ≤ 100W
Gear & Reducer :	OIL filled hydraulic type. Force dtolift the arm doesn't damage there ducer	OIL filled hydraulic type. Force dtolift the arm doesn't damage there ducer
Dimensions (W*D*H):	342*312*959mm	342*312*959mm
Lifetime :	10years	10years
MTRR :	<0.5hours	<0.5hours
MTBF :	>5milliontimes	>5milliontimes
Protectiondegree :	IP65	IP65
Relativehumidity :	5-90%	5-90%
Remote control distance :	100meters	100meters
Runningnoise :	<60dB	<60dB
Working environment temperature:	-40 ~75	-40 ~75