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Pullman Paris Montparnasse Hotel

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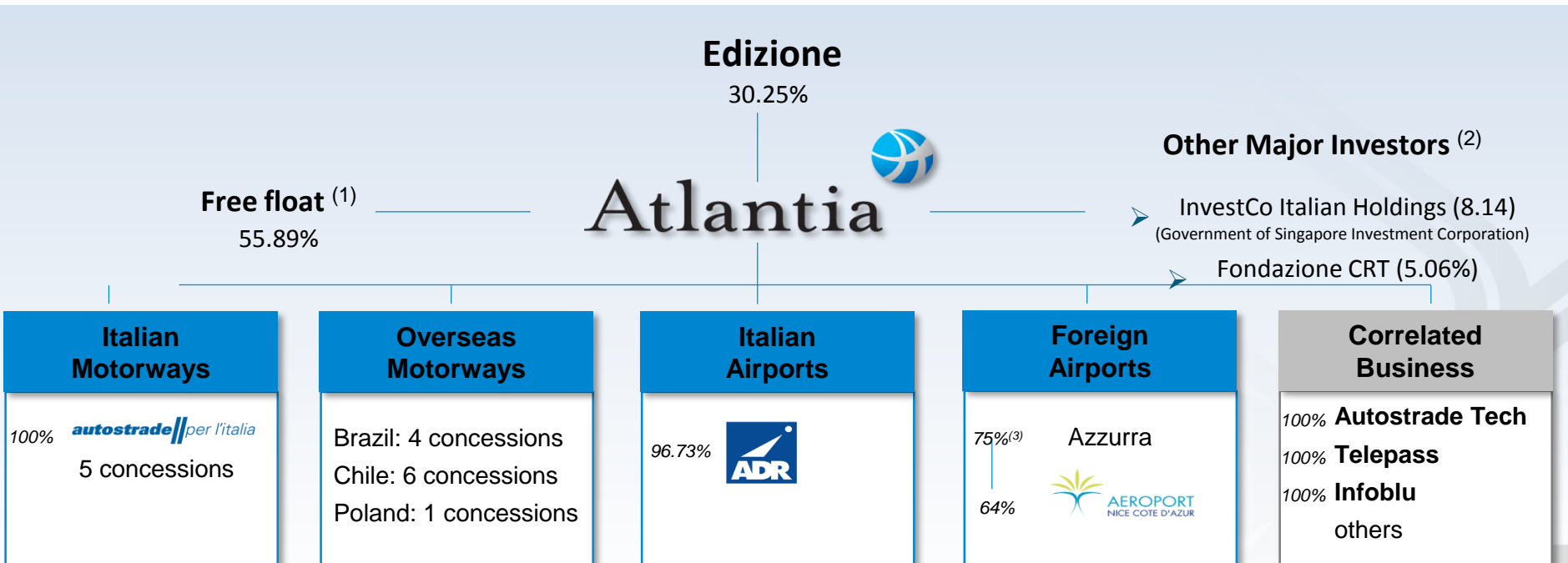




Innovative mobility services for customers using Telepass On Board Unit

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Atlantia group at a glance



MaaS evolution of Telepass from motorways to cities



MOTORWAY



PARKING LOTS



CONGESTION CHARGING



ON STREET PARKING



FERRIES

1990

Automatic payment of motorway tolls by passing through Telepass lanes at highway toll plaza

PAYMENT MEANS:
Telepass On Board Unit

INFRASTRUCTURE:
Road side unit with DSRC antenna at toll plaza

2010

Automatic payment in the parking facility by passing through Telepass lanes

PAYMENT MEANS :
Telepass On Board Unit

INFRASTRUCTURE:
Road side unit with DSRC antenna at parking lots

2012

Automatic payment for access to congestion charging area

PAYMENT MEANS :
License plate

INFRASTRUCTURE:
Image recognition at entrance

2014

On street parking payment without the need of a Telepass device on board

PAYMENT MEANS :
Telepass Pyng app

INFRASTRUCTURE:
Nessuna

2015

Payment of the ticket for the ferry on the strait of Messina

PAYMENT MEANS :
Telepass On Board Unit

INFRASTRUCTURE:
Road side unit with DSRC antenna at boarding



Car parking lots payment

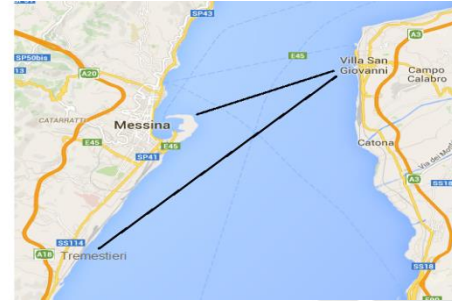
- Many parking lots in major cities of Italy (e.g. airports of Rome, Milan, Turin, Bologna, Firenze, etc.) can be paid with Telepass OBU, by just debiting the fee in the Telepass account with no extra costs
- The technical solution developed to integrate Telepass ETC system with existing parking systems:
 - ❑ Detect Obu ID and timestamp at entrance
 - ❑ Validate on-line all transactions via central Telepass database in order to verify, on real-time basis, the customer payment mean actual status;
 - ❑ Detect Obu ID and timestamp at exit
 - ❑ Calculation of the fee and grant of the payment via central Telepass database



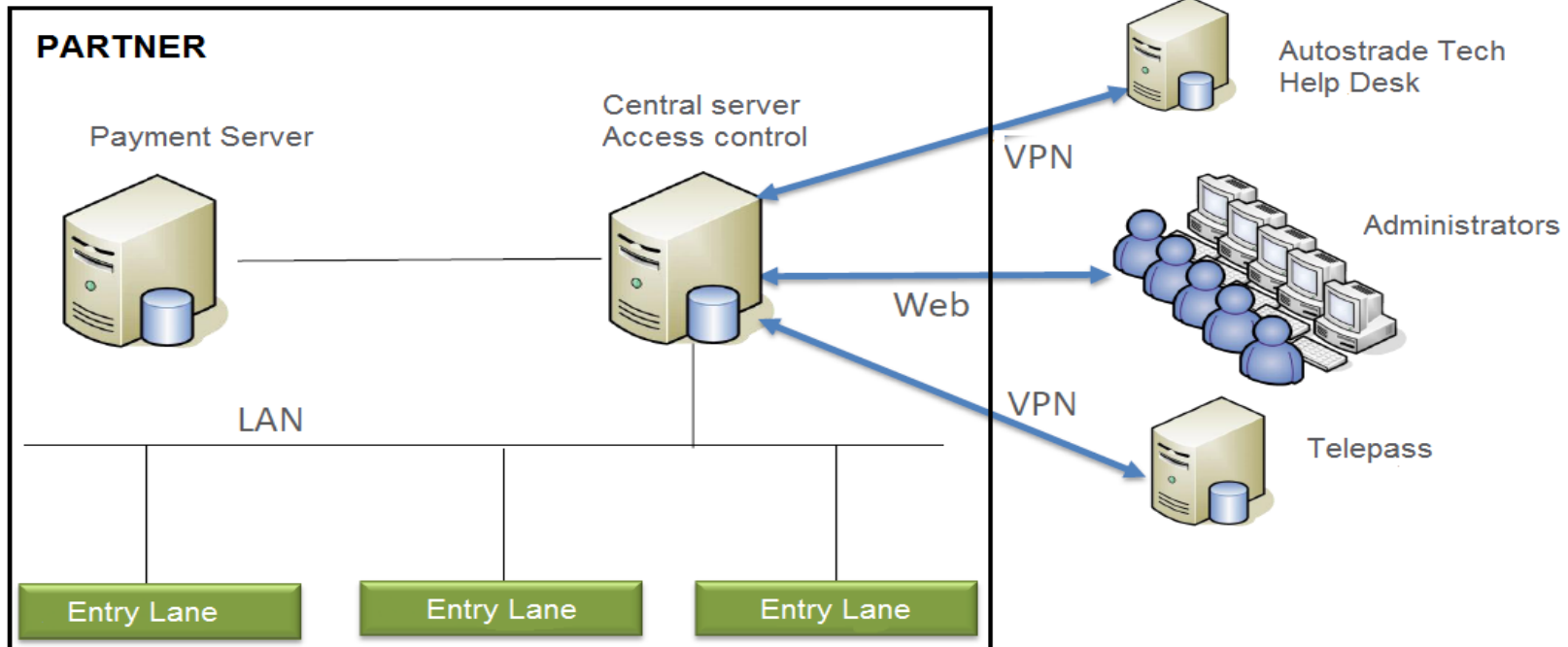


Ferries payment (Caronte & Tourist)

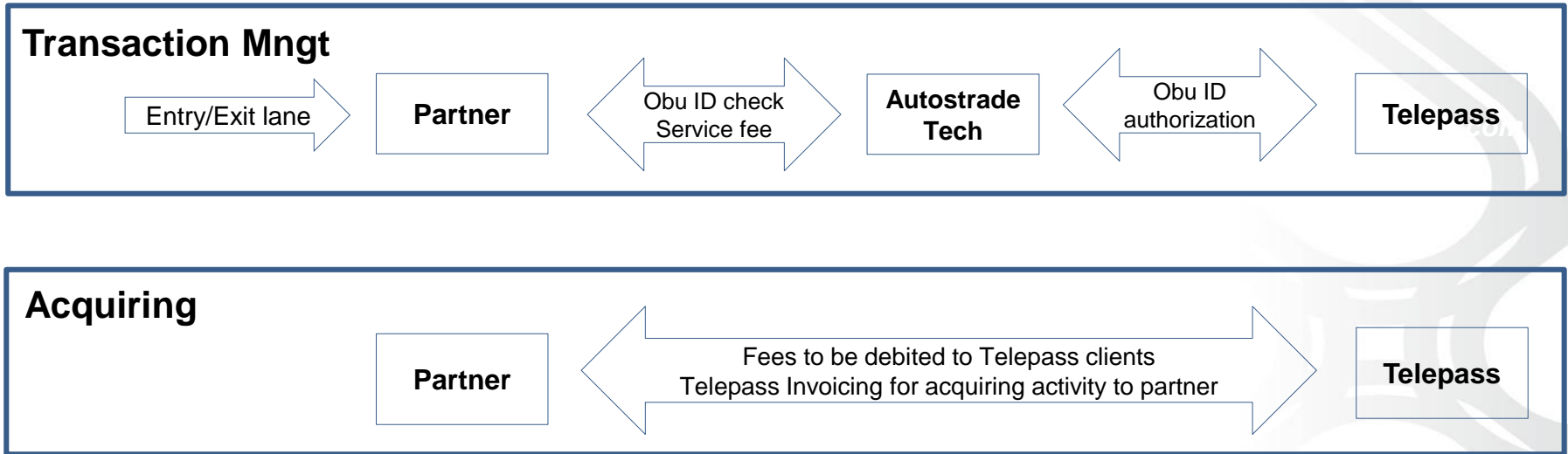
- Caronte & Tourist is a shipping company that deals with maritime connections by ferries in the Strait of Messina between Villa San Giovanni and Messina
- Telepass RSU performs an access payment to pre-boarding area of the ferry by
 - ❑ Detection and communication with a Telepass OBU via DSRC
 - ❑ Ticket issuing and payment handling
 - ❑ Payment guarantee of the ticket fare for all authorized transits;
 - ❑ The credit of the ticket fare validated by Telepass on monthly basis;
 - ❑ Invoicing service and send out to the Telepass client on behalf of Caronte & Tourist



Technical architecture



Business architecture



Benefits



- **Safe, easy and quick purchase**, by charging on Telepass account
- Post-payment method
- **On-line and mobile payment report**, with full payment details



- **Customer base and Turnover increase**
- **True-sale warranty**
- Commercial communication through Telepass channels
- **Speeding up the fruition process**
- **Reduced usage of cash** and reduced cash management costs alongside with the risks of robbery, fraud or shortfalls



- **Customer retention** with an offer on new services
- Customer base **increase**
- **Higher turnover** from merchants

Other MaaS without OBU



Automatic payment for access to congestion charging area
“AREA C” in Milan

Telepass user is detected via CCTV and charged through LPN



On street parking payment (“Blues stripes” parking)

Dedicated app for smartphone “PYNG”



**CON TELEPASS
IN AEROPORTO
ARRIVI PRIMA
A DESTINAZIONE.**

Entri ed esci liberamente dai parcheggi senza fare file alle casse e senza biglietti, con addebito diretto sul tuo conto Telepass senza costi aggiuntivi.

VISITA TELEPASS.IT/PARCHEGGI

TELEPASS
LA TUA LIBERTÀ DI MOVIMENTO

INNOVATIVE MOBILITY SERVICES FOR CUSTOMERS USING TELEPASS ON BOARD UNIT



THANKS FOR YOUR ATTENTION!

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