



## Conferência da Mobilidade Urbana – Pecha Kucha

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# Dependable Technologies for Critical Systems.



# Oferta em Energia e Mobilidade.





# Novos modelos de Mobilidade...



...com base na prestação de serviços...



...trazem novos desafios.





Como a dependência inicial...

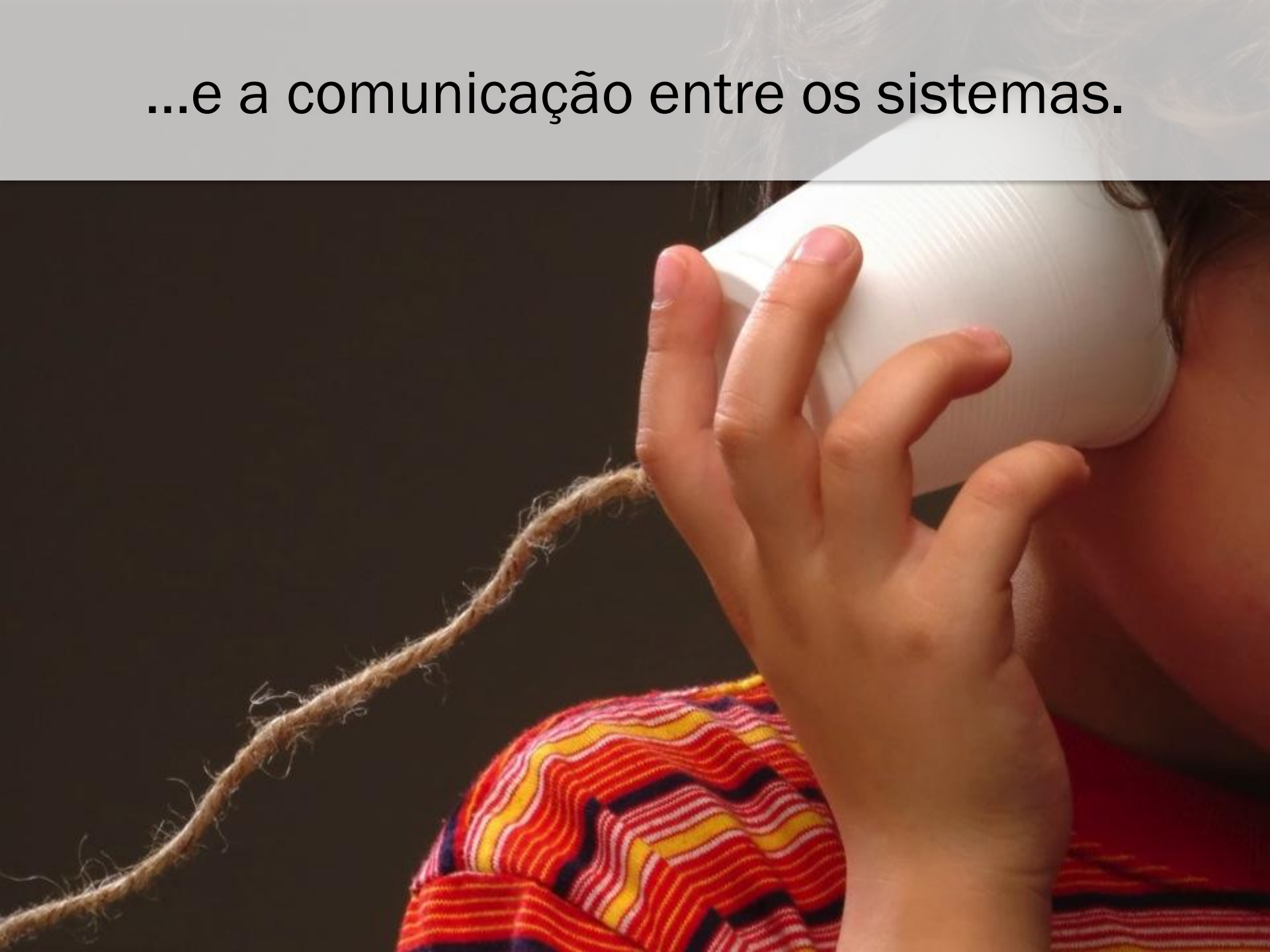


...o querer estar em todo o lado...





...e a comunicação entre os sistemas.



É essencial reduzir os custos...

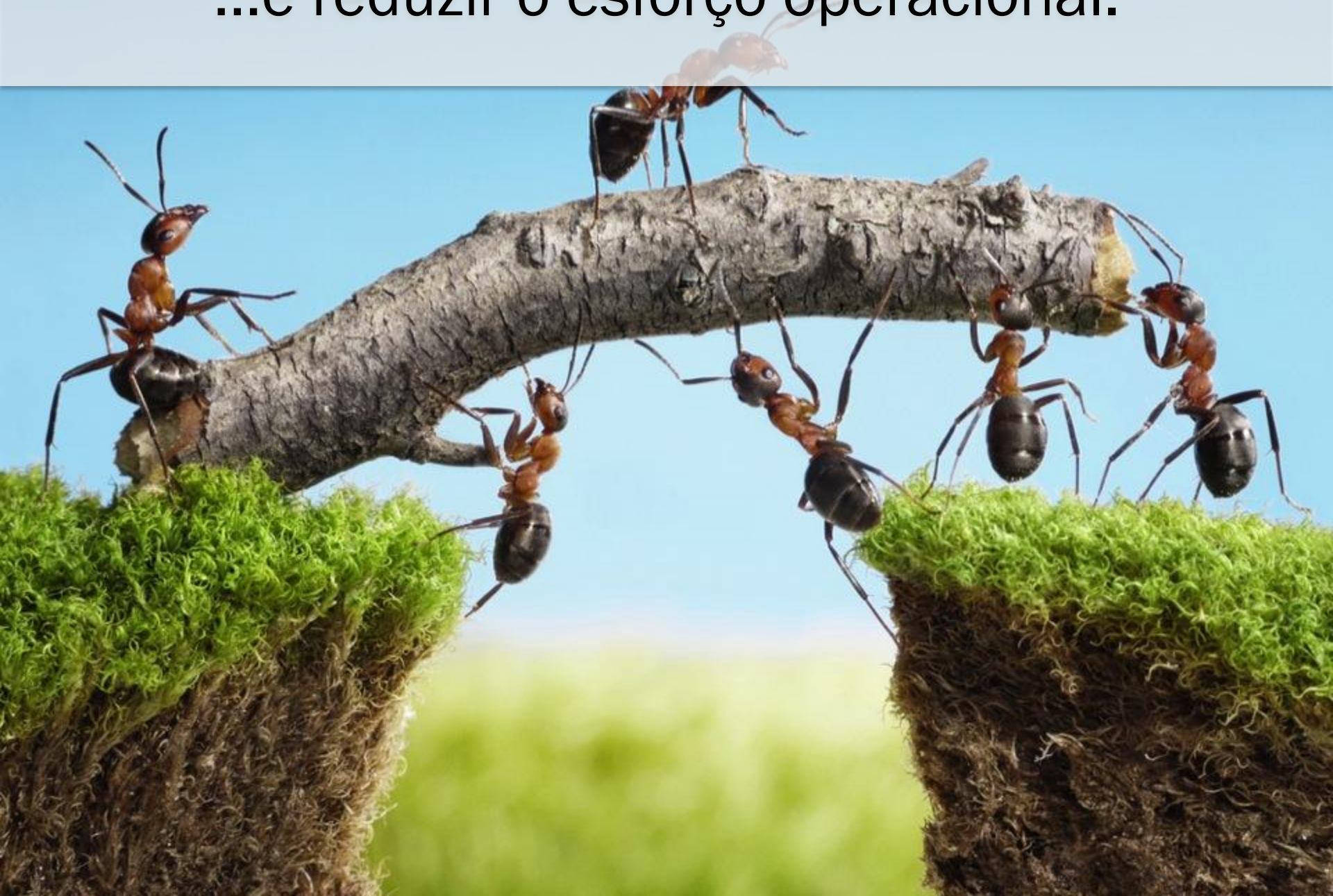


...simplificar a adição de funcionalidades...





...e reduzir o esforço operacional.





The IT platform designed to  
support your mobility business



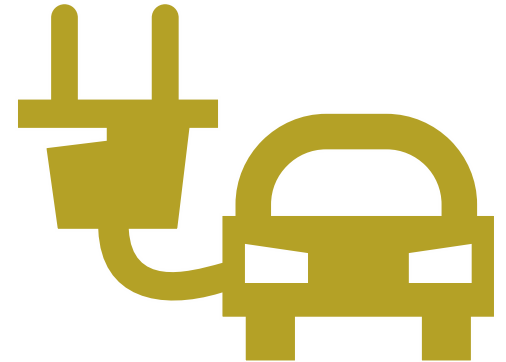
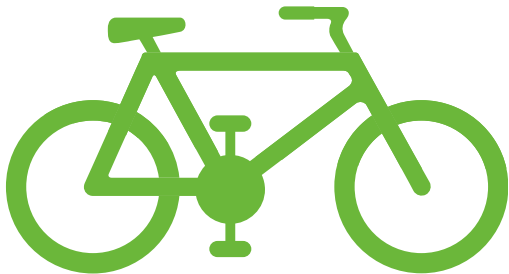
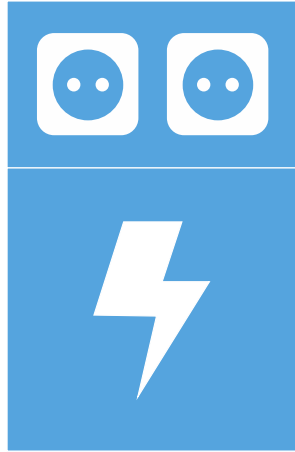


Uma arquitetura por camadas...





...que liga múltiplas fontes de dados...



...e que fornece múltiplas funcionalidades:



Gestão de ativos.





Gestão de serviços.



Gestão de clientes.



# Gestão de fornecedores.





Gestão de faturação.



De desenvolvimento rápido...

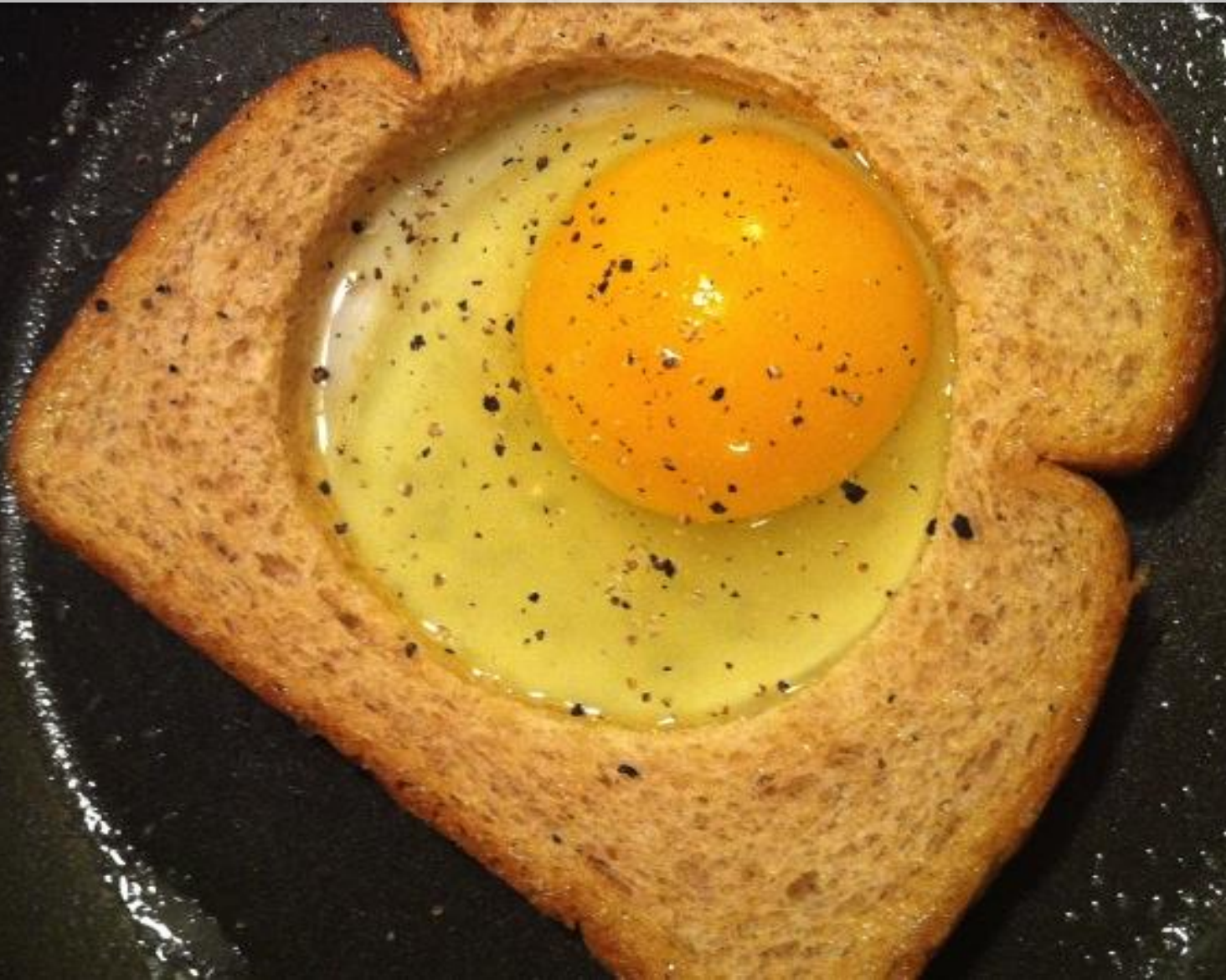


...e instalação facilitada.





Acima de tudo, de fácil integração.







Dashboard Accessions Customers Alarms Blacklist

Log Out

21 150 € Active

Open Customer File

Change Status

by Customer Nr. or Name

Emelinda Maria Rosário (000008)

Customer Info Admission Edit...

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NAVIGATION

Dashboard Commercial Conditions Charge Orders Invoices Payments Revenue Share Alarms

View Details Change Status

Filter by Invoice Nr. or Customer Amount: Over 50€ Issued: Last 3 days Status: All statuses

Invoice	Date Created	Customer	Date of Issuance	Amount	Tax	Date Due	Days Overdue	Status
538472029	01-01-2010 09:00	André Miguel Feliciano	01-01-2010 09:00	100.00€	23.00€	01-01-2010 09:00	0	In Review
450834503	01-01-2010 07:00	Eva Maira Esteves Costa	01-01-2010 07:00	67.93€	15.62€	01-01-2010 07:00	0	In Review
393871923	01-01-2010 06:00	Luciano Albano Figueiró	01-01-2010 06:00	1 034.00€	237.82€	01-01-2010 06:00	0	In Issue
293847941	01-01-2010 05:30	Maria Andrade Dias José	01-01-2010 05:30	100.00€	100.00€	01-01-2010 05:30	0	In Payment
293847923	01-01-2010 05:00	Rute Pinheiro Farias	01-01-2010 05:00	68.29€	15.71€	01-01-2010 05:00	0	Paid
245664983	01-01-2010 04:00	Olivia Cardoso Pimentel	01-01-2010 04:00	245.00€	56.35€	01-01-2010 04:00	30	Bad Debt

Charge Stations  
Charges  
Customers  
Suppliers  
Billing

Habitação 41

Habitação 41


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NAVIGATION


Dashboard Bookings Charges

Flow Today

Energy




Charges



Alarms

Critical High Medium Low All



Dashboard Suppliers Alarms

Open Supplier File New... Edit... Change Status

Filter by Supplier Nr. or Name Type: All Status: Active

Supplier Nr.	Name	Type	Revenue	Status
000007	Alliander	Energy Supplier	142 070 €	Active
000006	EDP	Energy Supplier	203 006 €	Active
000012	ESB	Energy Supplier	109 100 €	Active
000004	e-laad	Operator	30 034 €	Active
000003	Mobi-E	Operator	21 150 €	Active


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NAVIGATION

Dashboard Instalations Charge Stations Alarms

Send Command... Edit... Delete... History

Search map



Map Satellite

CBR 0003

Operator DTC

Address

Latitude Longitude

Model Firmware Serial Number

IP Address MAC Address (IMEI)

Installer Date Groups



## Cost Simulator

How much do I spend with my car?

Example: Renault Megane 1.6

Annual km: 15000 Km/Year

Renter: 300 €/Month

Own damage insurance: 45 €/Month

Maintenance: 45 €/Year

Fuel: 45 €/Month

Parking: 45 €/Month

Total/Month: € 438.75

Total/Year: € 5265

Estimated monthly saving:

Estimated annual saving:

Estimated time and patience saving:

How much do I spend with car sharing?

Class: Small family car

Average cost: €8/hour

Typical usage (2h/day): €350/Month

### BOOK A CAR

#### My account

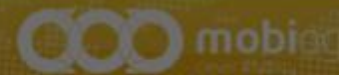
Email Address

Password

☐ Remember Me

[Sign In](#)

[Forgot Password](#)



### Book a car for now

#### Search results

Make/Model	Class	Fuel	Distance
Porsche 911	Roadster sports	PETROL	0.24 Km
Smart Fortwo	Supermini	PETROL	0.17 Km



sustainable  
mobility

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## Where Are Our Cars?

Our company operates at a national level. Our cars are spread across several cities. Please select your city to see the cars that are currently available, as well as their location and price per hour.

You can choose not only the cars that belong to our club but also cars from other external companies (CSB).

Tavero



\* Base value of price/hour for booked cars when in use. Other factors may impact actual price/hour, such as offer or discounts.

### BOOK A CAR

#### My account

Email Address

Password

☐ Remember Me

[Sign In](#)

[Forgot Password](#)

#### Porsche 911



Make: Porsche  
Model: 911  
Class: Roadster sports  
Fuel: PETROL  
Plate: 38-EU-02  
6th in use\*: 36.90€  
6th locked: 36.90€  
Location: Estrada Nacional 341, Tavero, Ribeira de Frades, Portugal

Promotions\*: Promo at 50%  
View operational zones

[BOOK THIS CAR NOW](#)

bell@critical.pt

[Sair](#)

[Properties](#) [Location](#)



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A Mobilidade está em mudança...





...e a Critical Software está presente.



Dependable Technologies for Critical Systems

# Critical

software



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