

Kapsch TrafficCom

### Investor Presentation.

December 2018.

### Kapsch.

KTC: Leading entity of the Kapsch Group.

- Kapsch founded in Vienna in 1892
- Electronic industry
- Strong brand in Austria
- > Four key entities
  - Kapsch TrafficCom KTC (Intelligent Mobility Systems)
  - Kapsch BusinessCom (ICT solutions for enterprises and public administration)
  - Kapsch CarrierCom (End-to-end telecom solutions for railway operators, public authorities, and airports)
  - Kapsch Public TransportCom (Intelligent infrastructure solutions for public transport operators & transportation agencies)
- Group revenues >EUR 1bn





Kapsch

125+ years in the ever-changing technology industry are a proof of the sustainable business approach and the entrepreneurial spirit within the family-owned Kapsch Group.

This, together with the professionalism, structures and transparency required from a listed company, are key success factors for Kapsch TrafficCom.

### Kapsch TrafficCom.

At a glance.





# **Provider of Intelligent Mobility Solutions**

- Tolling (Electronic Toll Collection – ETC)
- Mobility

   (Intelligent Mobility Solutions –
   IMS)



### **Solid financial parameter**

- Revenues ~EUR 700mn
- EBIT ~EUR 50mn
- Sustainable dividend policy: Base dividend of EUR 1.—

Fiscal year: April 1 – March 31



- More than 5,200 employees
- Presence in >30 countries
- References in >50 countries



# Listed at Vienna Stock Exchange

- IPO in 2007
- Free float 36.7%



### Relevant mega trends and drivers.



#### Urbanization

Share of people living in cities is rising:

Since 2007: > 50% by 2030: > 60%

World's population continues to grow.

Urban population expected to grow:

Today: 4.2 billion by 2050: 6.7 billion

### **Climate protection**

In Europe, >25% of energy consumption and CO<sub>2</sub> emissions attributed to transportation sector.

64% of total kilometers driven in cities; number of kilometers is expected to triple (2010-2050).

#### **Mobility**

With increasing affluence, desire for mobility increases.

Mobility viewed as a basic need/necessity.

Strong growth of individual transportation as a result of emerging countries catching up economically.

### **Expansion & financing of transportation networks**

Road infrastructure needs to be maintained and expanded (especially in emerging countries).

Global investment in transport infrastructure to grow 5% p.a. (2015-2025).

### **Technology and concepts**

Radical change in transport industry with new technologies and concepts, e.g.

- > e-mobility,
- Mobility as a service (MaaS),
- Connected vehicles,
- Big data-based applications.

Convergence of the various ITS market segments calls for intelligent, holistic mobility solutions.

### Portfolio of solutions.





### **Tolling (ETC)**

#### **Electronic toll collection**

- Multi-lane free-flow
- Managed lanes (tolled)
- Mobile tolling
- eVignette

### City tolling

- > Static city toll
- > Situation-dependent road pricing

#### Plaza tolling

- Stand-alone manually operated tolling plazas
- Plaza tolling systems combined with electronic toll collection

### **Tolling services**

- European Electronic Toll Service (EETS)
- Tolling services for passenger cars

### **Intelligent Mobility Solutions (IMS)**

#### **Traffic management**

- > Highway traffic management
- Urban traffic management
- Managed lanes
- Tunnels and bridges

**Connected vehicles** 

#### Concept whom

- V2X-automotive
- V2X-infrastructure (connected road)
- Connected mobility

### **Traffic safety & security**

- > Road safety enforcement
- Commercial vehicle enforcement
- Electronic vehicle registration

### **Smart urban mobility**

- Access management
- Smart parking
- Intermodal mobility

Revenues 2017/18: EUR 522 million, i.e. 75%

Revenues 2017/18: EUR 172 million, i.e. 25%

### Characteristics of the two segments.



	Components			Implementation	on		Operation
			Sul	Toll stations	<u> </u>		Consulting
ETC	In-vehicle componentsRoad-side components	ntegration	osyste	Enforcement stations	tegrati	Complete turnkey systems	Technical operation
		ion	sms	Back office	ation		Commercial operation
	End-to-end solutions as a one-stop shop						

Services

Tolling as a service (Taas)

- Broad set of solutions and services addressing different aspects of traffic/mobility.
- Some offerings are already fairly mature (e.g. traffic management representing most of the segment's revenues).
- Others are investments into future growth (e.g. connected vehicles, smart parking).
- **Different revenue split between implementation** (project business) **and operation** than in ETC:
  - Implementation of software and hardware (sensors, controllers, signs, signals) represent a higher share.
  - Operation revenues represent mainly technical operations.
  - Potential to increase recurring revenues (mid-term to long-term).

Mobility as a service (Maas)

**Platforms** (customer interface)

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### Product portfolio.



### In-vehicle products

- 5.8 GHz DSRC transponders/onboard units
- > 5.9 WAVE/5G DRSC on-board units
- > 915 transponders
- RFID-63 passive transponders
- GNSS/DSRC on-board units



#### Radio frequency (RF) field products

- > 5.8 CEN DSRC transceivers
- 5.9 WAVE/5G DSRC transceivers
- > 915 readers
- RFID-63 readers
- Handheld & desktop transceivers and readers



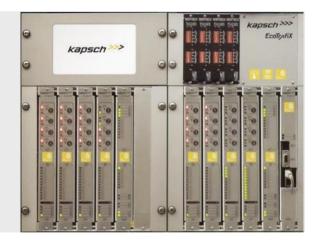
#### Video and sensor products

- ANPR cameras
- Image processing suite
- Vehicle detection and classification systems



### **Traffic management products**

➤ FcoTrafiX™ controller



### Tolling extended to intelligent mobility solutions.

Kapsch TrafficCom – reducing the risk profile: less dependent on few large customers.

2007/08 (IPO)

- Mainly tolling business
- Only a few customers
- Very limited traffic management activities
- Business in Europe, Australia and Chile

2012/13

- Mainly tolling business
- Strong ETC growth driven by a few largescale customers
- Little non-ETC business
- > In total <200 customer projects
- Growing share of business in the Americas

2017/18

- Mainly tolling business
- Customer base significantly diversified (also within ETC)
- Non-ETC portfolio massively expanded
- > ETC still the growth driver but non-ETC business gains relevance
- In total >1.000 customer projects
- Global player

In the 2020s

- FTC and traffic management business expand further
- Intelligent mobility solutions, e.a.
  - Smart urban mobility
  - Connected vehicles

grow rapidly and represent a substantial part of the business

New husiness models

New/additional

New/additional

customers

solutions

**Operational** excellence

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### USP.

What makes Kapsch TrafficCom unique?

- > Ability to develop tailored solutions proven track record
- Close to our customers
- Domain know-how
- Broad variety of technologies, prime quality
- Integrated, one-stop-shop
- Only real global player in ETC
  - Best practice
  - Risk diversification
- > A leading position in our core business
- Size and financial stability
- Listed (transparence, access to capital)
- No principal-agent-conflict as one main shareholder is the CEO.







### Financial results.

H1 2018/19.

### H1 2018/19 and beyond.

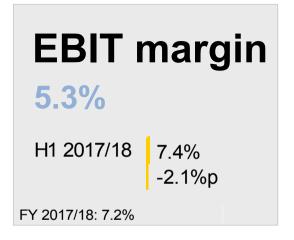




- Germany: Contract for automated enforcement of the new passenger car toll.
- Poland: Contract to support the further operation of the system for another 21-27 months.
- Czech Republic: Minister of Transport signs contract with a competitor; legal proceedings launched.
- Zambia: Full consolidation from September 2018.
- > EETS: JV with Axxès to build and operate technology platform for EETS; partnership with OMV to launch OMV Smart Toll.
- Deferments in certain projects had impact on revenues and earnings of H1 2018/19.

### Revenues **EUR 335.8 mn** H1 2017/18 FUR 340 mn -1% FY 2017/18: EUR 693.3 mn





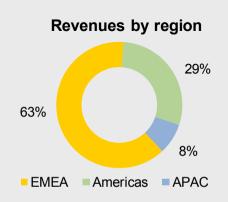


### H1 2018/19.



Segment results: ETC accounts for 78% of total revenues, IMS 22%.

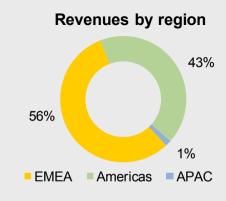
Key financials			
All figures in EUR mn	H1	H1	
unless otherwise stated	2017/18	2018/19	+/-
Revenues	260.7	262.1	1%
EBIT	32.1	24.8	-23%
EBIT margin	12.3%	9.5%	-2.8%p



Revenues by type			
All figures in EUR mn unless otherwise stated	H1 2017/18	H1 2018/19	+/-
Implementation	68.2	73.6	8%
Operation	140.3	133.4	-5%
Components	52.2	55.1	6%
OBUs sold, million units	5.9	6.8	16%

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Key financials			
All figures in EUR mn unless otherwise stated	H1 2017/18	H1 2018/19	+/-
Revenues	79.1	73.7	-7%
EBIT	-6.8	-7.0	-3%
EBIT margin	-8.6%	-9.5%	-0.9%p



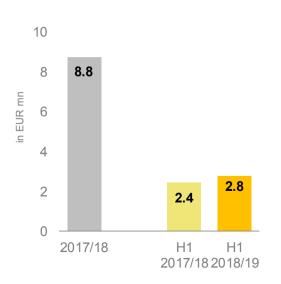
Revenues by type			
All figures in EUR mn unless otherwise stated	H1 2017/18	H1 2018/19	+/-
Implementation	35.6	30.3	-15%
Operation	38.2	38.4	0%
Components	5.3	5.0	-4%

### H1 2018/19.

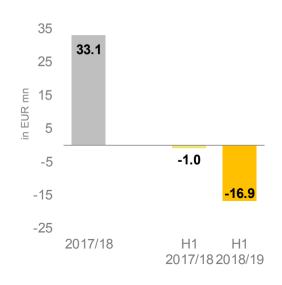
Other key financials.



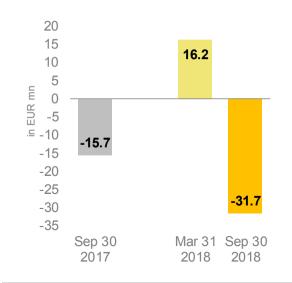




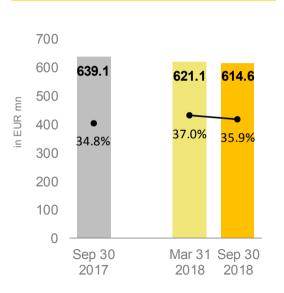
#### Free cash flow



### Net cash/debt



# Balance sheet total and equity ratio



- > CAPEX on previous year's level.
- Free cash flow followed development operating result; net working capital increased stronger than in H1 2017/18.

- Negative free cash flow and dividend payment (EUR 19.5 mn) caused net cash to turn into net debt.
- Balance sheet continues to be very robust.

### Outlook & medium-term goals.



#### Outlook 2018/19

Revenues and EBIT at previous year's levels

### **Revenues** (medium-term)

- Growing in both segments
- Grow stronger than the market
- Higher growth rates for IMS in the long run

### **EBIT margin** (medium-term)

> ETC: comfortably >10%

IMS: in good environment, 8% possible

> Group: > 10%



### Dividends.



### **Dividend policy\***

- At least the higher of 1/3 of the earnings per share (EPS) and EUR 1.
- > Depending on economic development, the market environment and capital needs for upcoming projects, the dividend payment can be higher or lower. ...
- Movement in the expression of the expression

### **Dividend payouts**

2016: EUR 1.50 (EPS 2015/16: 2.39)

2017: EUR 1.50 (EPS 2016/17: 3.35)

2018: EUR 1.50 (EPS 2017/18: 2.21)



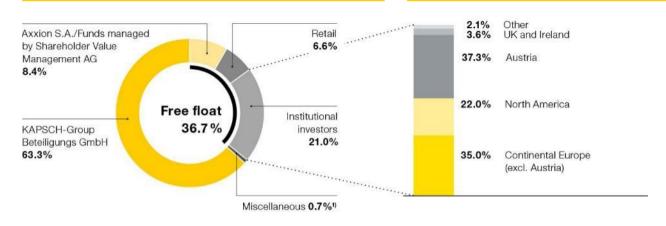
<sup>\*</sup> As of November 29, 2016.

### Kapsch TrafficCom share.



#### Shareholder structure

### Institutional investors by region



Source: Shareholder survey from March 2018, participation notification, estimates by Kapsch TrafficCom.

#### **Basic information**

- Listed in Prime Market segment at the Vienna Stock Exchange since 2007
- > 13 million shares
- Coverage by: Erste Group, Kepler Cheuvreux, ODDO BHF, Raiffeisen Centrobank

#### Select events

June 18, 2019
February 21, 2019

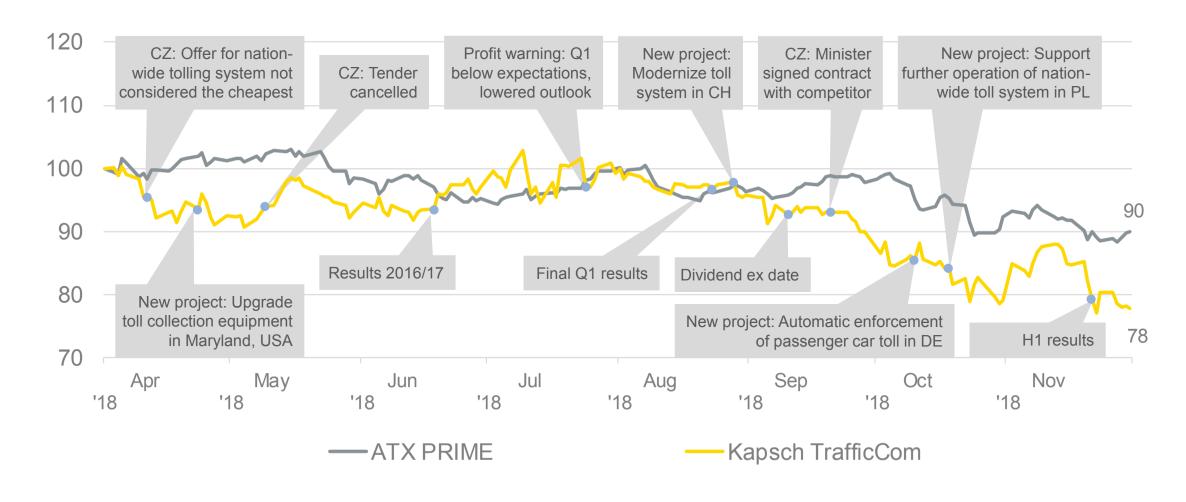


<sup>1)</sup> Trading positions and unidentified shareholders.

### Share price development.

Kapsch >>>

Kapsch TrafficCom and ATX Prime.



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# Thank you for your attention.

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# Appendix.

References and recent major projects.

### References in more than 50 countries.



#### Global

All figures in EUR mn unless otherwise stated	2017/18	%
Revenues	693.3	Or total
thereof ETC	521.6	75%
thereof IMS	171.6	25%



#### **APAC**

All figures in EUR mn		%
unless otherwise stated	2017/18	of total
Revenues	42.3	6%
thereof ETC	35.5	5%
thereof IMS	6.8	1%

Americas		
All figures in EUR mn		%
unless otherwise stated	2017/18	of total
Revenues	209.1	30%
thereof ETC	139.3	20%
thereof IMS	69.8	10%

Road safety and traffic management in Zambia.

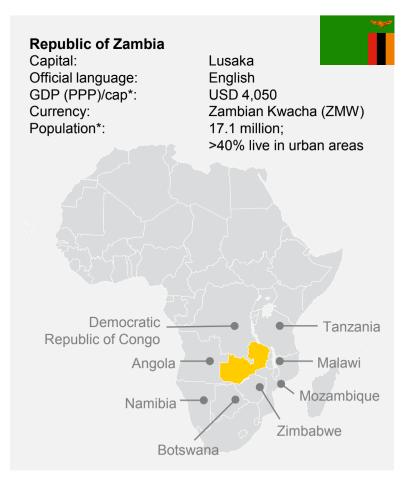
### **About the project**

- Nation-wide concession contract to improve road safety and traffic management.
- Main components:
  - Vehicle inspection,
  - Vehicle registration,
- Speeding fines and other traffic-related infringements.
- Term: 17 years

### **Organizational & financial**

- > Joint venture (JV) with local partner Lamise Trading.
- Consolidation: Until August 2018 at equity, thereafter full consolidation.
- > JV's expected revenues in the first 3 years projected to be in the range of EUR 90 million to EUR 110 million.





\*Source: World Bank (Data for 2017)

### Full consolidation of JV in Zambia.



Service concession agreement according to IFRIC 12.

#### IFRIC 12 because

- > Public-to-private arrangement to build-operate-transfer an asset without separate payments of building, operating and transferring the asset to a public entity, but is paid via the operation (user fees, fines, etc. of the asset).
- > Public entity regulates what services we provide with the assets, to whom and at what prices.
- > Assets are used for their entire useful life and legally transferred to the public entity at the end of the arrangement.

### Consequences

- > Equivalent of the implementation revenues = intangible assets (considered as the right to charge users of the infrastructure/the public service).
- These intangible assets are to be depreciated until the end of the contract's life.

#### **Further note**

Result for the period: 49% of JV's results attributable to non-controlling interests, 51% to equity holders of the company.

Automatic enforcement of the German passenger car toll.

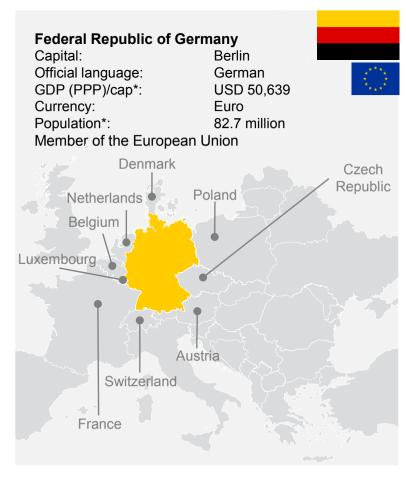
### **About the project**

- > Planning, development, implementation, operation and maintenance of the automated enforcement system for the German passenger car toll.
  - Equipment (e.g. cameras, scanners)
  - Central system (software)
- Awarded: October 22, 2018.
- Term: 12 years starting with the first collection of the passenger car toll, can be extended to up to 15 years.

#### **Financial**

Total project volume in the range of <EUR 100 million up to FUR 120 million





\*Source: World Bank (Data for 2017)

Nation-wide tolling system in Bulgaria.

### **About the project**

- Contract to design and build nation-wide tolling system.
- > Satellite technology for trucks over 3.5 tons.
- eVignette for passenger cars.
- Tolls collected on all class I, II, and III roads, (all paved roads).
- Some details:
- 500 terminals for registering and issuing eVignettes,
- 100 enforcement vehicles, 100 weigh-in-motion facilities, 100 tolling gantries.
- Term: 19 months from signing (January 2018).
- Kapsch TrafficCom's 6th nation-wide toll collection system in Europe (after Austria, Switzerland, Poland, the Czech Republic, and Belarus).

#### **Financial**

Total project volume of about EUR 76.6 million.





\*Source: World Bank (Data for 2017)

Tolling in Maryland (USA).

### **About the project**

- Contract to replace and maintain all roadside tolling equipment in the mixed-mode, cash, and express toll lanes under management of the Maryland Transportation Authority.
- The new roadside equipment will include:
  - RFID toll readers.
  - Automated license plate recognition (ALPR) cameras.
  - Scanners in the mixed-mode lanes.
  - Stereoscopic Vehicle Detection and Classification sensors.
- Term: Start in February 2018, replacement of all toll equipment by 2020, six years of subsequent technical operation as well as the option to extend the contract for additional four years.

#### **Financial**

Total project volume of more than EUR 55 million.





Port Authority of New York and New Jersey (USA).

### **About the projects**

- 1. Tolling (2016)
- Replace the toll collection system at all bridges and tunnels and ongoing system maintenance.
- > Term: Upon completion, maintenance for a 6-year period, with options to extend for up to three 2-year periods.
- Total project volume >EUR 100 million.

### 2. Traffic Management (2017)

- Design and install an Agency-Wide Advanced Transportation Management Software (ATMS).
- Term: 4-year base term followed by two additional 1-year optional support periods.
- Total project volume >EUR 8 million.



#### Port Authority of New York and New Jersey





Interstate agency





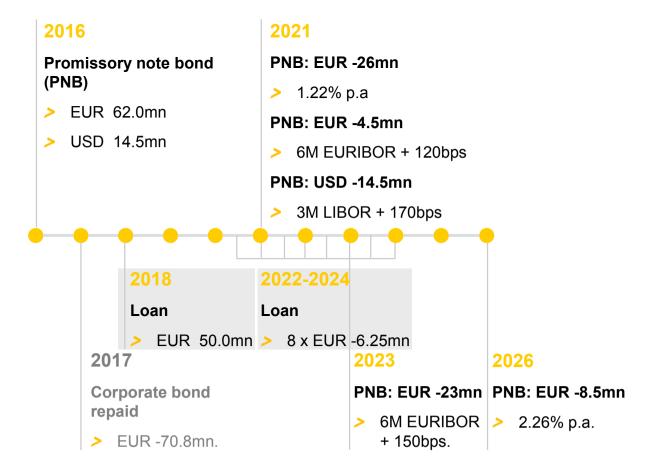


## Appendix.

Miscellaneous.

### Promissory note bond & long-term bank loan.





### Corner stones of the promissory note bond

- Issued 2016
- Volume: EUR 62mn + USD 14.5mn
- 3 tenors (5/7/10 years)
- > Partially fixed interest, partially variable

### Corner stones of the long-term bank loan

- Issued January 2018
- Volume: EUR 50mn
- Term: 6 years
- Fixed interest: 0.8% p.a.
- Redemption: 2.5 years grace period, then 8 half-year installments

### Corporate milestones (1).

More than 125 years in the ever-changing electronic industry.



1892

Kapsch founded

Morse telegraph devices

- > Telephones (fixed and mobile)
- Capacitors and dry batteries
- Radios, incl. portable radios
- > TVs (black & white, later color)
- Telecom networks

1995

Contract for the realization of the nationwide Ecopoint System, the world's 1st emissions-based TMS 2002

Kapsch Aktiengesellschaft restructured in:

- Kapsch TrafficCom
- Kapsch BusinessCom
- Kapsch CarrierCom

2007

**IPO of Kapsch TrafficCom** 

Nation-wide ETC system in Czech Republic goes into operation

1991

Toll collection division within Kapsch Aktiengesellschaft

1999

Launch of world's 1st MLFF ETC system for an urban motorway on Melbourne City Link in Australia. 2004

Austria introduces the national truck road user charging system: the worldwide 1st nationwide multi-lane free-flow system on major highways

### Corporate milestones (2).

More than 125 years in the ever-changing electronic industry.



2007

#### **IPO of Kapsch TrafficCom**

Nation-wide ETC system in Czech Republic goes into operation

#### 2011

Capital increase

USA: Selected by E-ZPass Group for new 10 year technology and services contracts

#### 2016

Acquisition of the transportation business of Schneider Flectric

#### 2010

Poland: Contract for implementation and operation of nation-wide tolling system

North America: Acquisition of

MARK IV IVHS

#### 2012

Belarus: Contract for implementation and operation of nation-wide tolling system

#### 2017

Zambia: Concession agreement for nation-wide road safety and traffic management

Bulgaria: Nation-wide tolling system





# We make traffic solutions intelligent.

Why is this so important to us?

- Because we want you to reach your destination quickly, comfortably, and safely.
- Because we want to enable our customers to provide the very best service at a low cost.
- Because we want to protect the environment.