

blue

Engineering & Design

Speaker

Mario Zangheratti

Head of Marketing

EXCELLENCE IS OUR **MISSION**

BLUE Engineering & Design, founded in 1993, provides specific services to fields of excellence, such as automotive, railway, aerospace. The strong multi-sector know-how and the singular specialization in numerical analysis distinguish us on the market and permit us to give you, at the highest quality level, during all of the development stages: style, design, engineering, virtual prototyping, testing and validating.



B

O. BERKOL



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D. LAZZERI



U

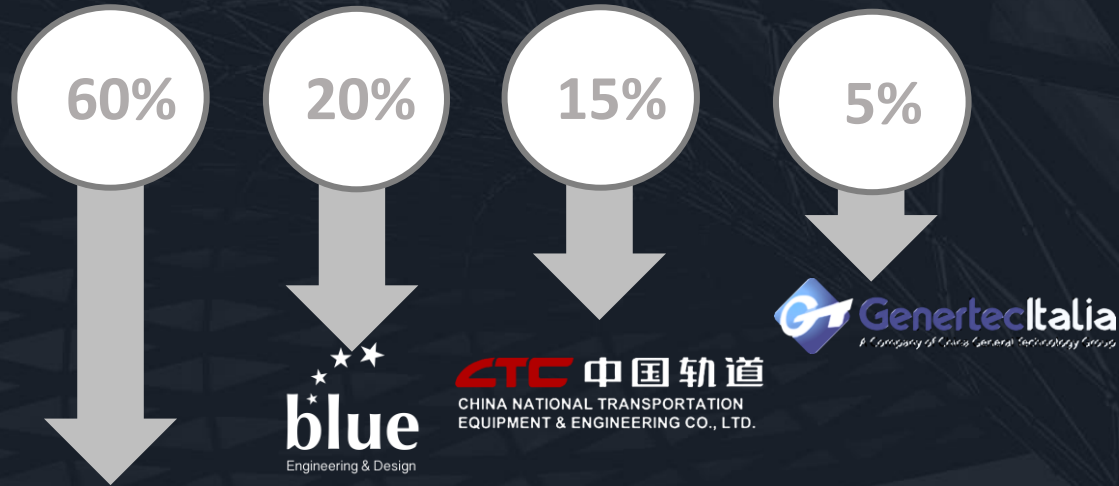
P. USLENGHI



E

M. EID

December 2016 BLUE'S HAS NEW SHAREHOLDERS



 **中车唐山机车车辆有限公司**
CRTC TANGSHAN CO., LTD.


Engineering & Design

 **中国轨道**
CHINA NATIONAL TRANSPORTATION
EQUIPMENT & ENGINEERING CO., LTD.

 **Genertec Italia**



2019 APPOINT RESEARCH CENTER



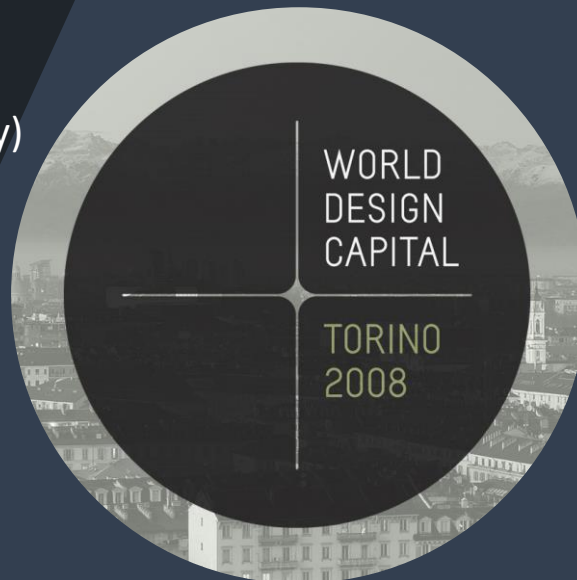
NO FRONTIER VISION

BLUE Engineering & Design ever since moved beyond technological and geographical frontiers. Our qualitative and extensive development is due to this vision. We work with major industrial customers and we are looking toward new markets. We offer a full “turn-key” service, including professional education in order to transfer our competences to local staff

HEADQUARTER SUBSIADIARIES

Our main office is in Turin, Italian car design hometown, 2008 World Design Capital city.

Subsidiaries are located in Naples, Modena (Italy) and Bursa (Turkey)



EXCELLENCE IS OUR MISSION

With its advantages in technology, market, talent and location in the core region of Europe and scientific research highland, BLUE has been engaged in the technical service of transportation products for 27 years, and its business covers six fields.



AUTOMOTIVE



AERONAUTICS



AEROSPACE



RAILWAY



MARINE



TEST BENCH & ITC

WHAT WE DO

- TURN-KEY DEVELOPMENT
- PLATFORM MANAGEMENT
- CONTRACTOR COORDINATION
- ISSUING OF SPECIFICATION
- TECHNICAL DOCUMENTS
- COST ANALYSIS

PLUS

- IDEAS OF INNOVATION
- OPTIMIZATION IN QUALITY/CHARGE RELATIONSHIP
- EFFECTIVE PROCESSING METHODS
- PERFECT KNOWLEDGE OF NEW CAD/CAE SYSTEMS
- HIGHLY SKILLED TEAM
- TOP FLEXIBILITY OF SERVICE

IDEA OF DESIGN

- TO GIVE EACH PRODUCT ITS PERSONALITY
- TO BE THE POINT OF CONTACT BETWEEN DESIGN AND TECHNOLOGY
- TO IMPROVE CONSUMERS' QUALITY OF LIFE
- TO REPRESENT THE BASIC FEATURE OF PRODUCT SUCCESS
- TO ACT A LEVER OF ECONOMIC DEVELOPMENT GIVEN THAT IT IS COMPETITIVE AND INNOVATIVE
- TO EXPRESS CULTURAL VALUES

MULTIDISCIPLINARY TEAM

A valid project development is only possible, with skills integration in all of their aspects: design, functionality and innovative features. Our team of specialist designers and technicians works in close cooperation, so optimizing time planning and thus achieving high reliability results.

The company is always ready to face new challenges, thanks to skilled, strong motivated and dynamic employees. The group invests in professional education and training, so to promote the knowhow development.



AUTOMOTIVE



AUTOMOTIVE DEVELOPMENT

A -> E SEGMENT CLASS CARS



CITY CARS QUADRICYCLES



SPORTCARS



SPECIAL VEHICLES



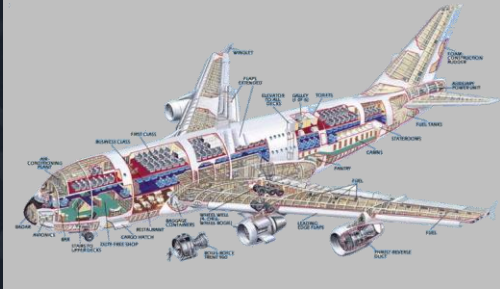
COMMERCIAL VEHICLES



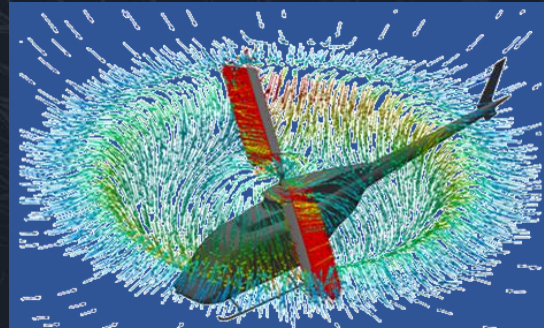
AEROSPACE

AEROSPACE DEVELOPMENT

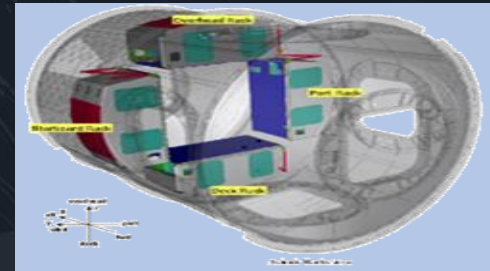
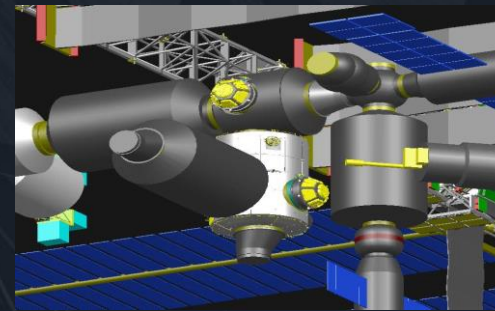
AIRCRAFT



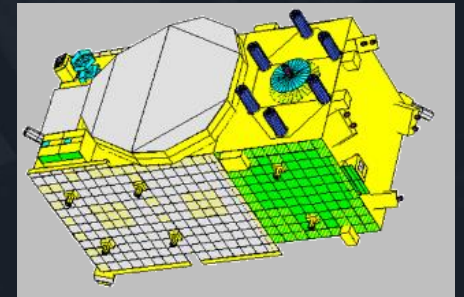
HELICOPTER



INTERNATIONAL SPACE STATION



SATELLITE



RAILWAYS



RAILWAYS DEVELOPMENT

NEW DOUBLE DECK REGIONAL TRAIN



TRAM



SINGLE DECK REGIONAL TRAIN



HIGH SPEED TRAINS



LRV



METRO

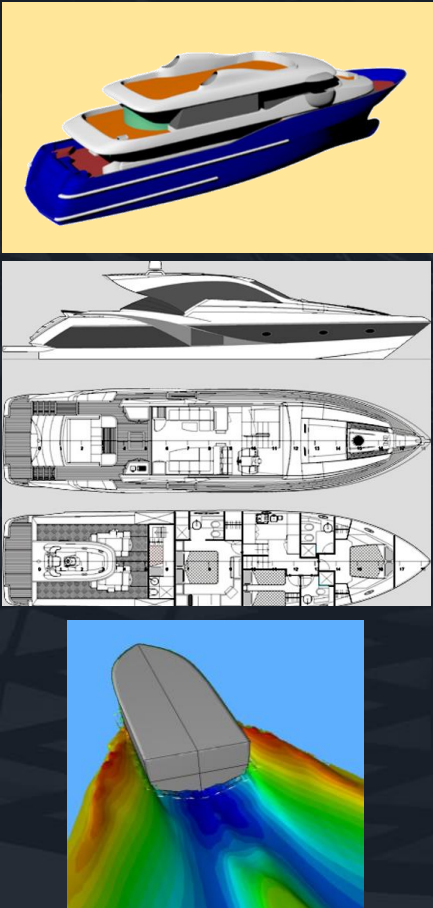


MARINE



MARINE DEVELOPMENT

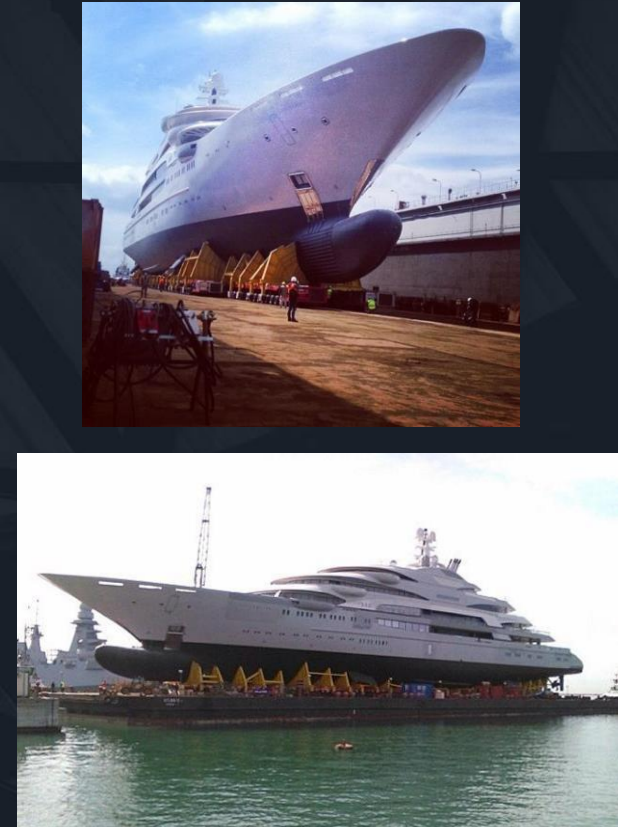
YATCH



SPEEDBOAT



MEGA YATCH 140 m



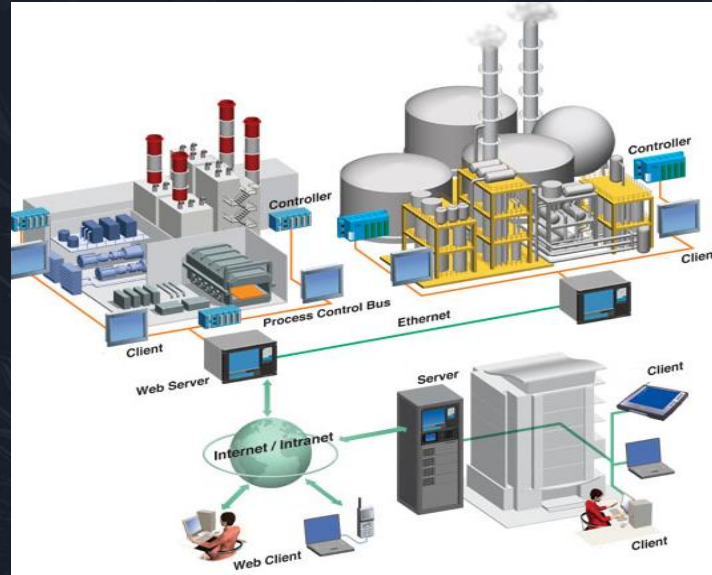
INDUSTRIAL AUTOMATION

INDUSTRIAL AUTOMATION

AUTOMATION SYSTEMS



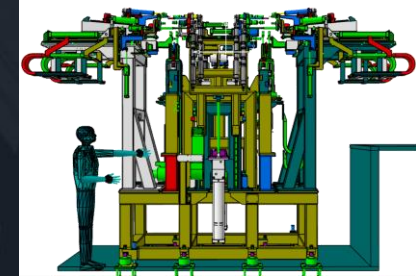
MANUFACTURING & LOGISTICS INFORMATION TECHNOLOGY



TRACEABILITY



SOFTWARE PLC & SCADA



AUTOMATIC WAREHOUSE



TEST BENCHES

TEST BENCHES

ROLLER RIG



CENTER OF RAILWAYS CERTIFICATION RFI



DYNAMOMETER



MECHANICS



PANTOGRAPH



CARBODY



AXLE BOXES



AXLE



BOGIE



TWISTED & SOUPLESS



RECENT RESEARCH PROJECT



AUTOMOTIVE



AERONAUTICS



AEROSPACE



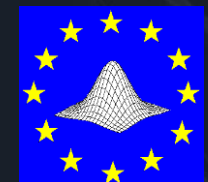
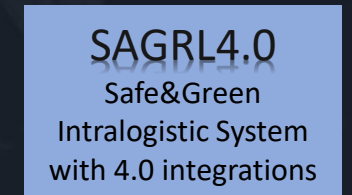
RAILWAY



MARINE



INDUSTRIAL AUTOMATION

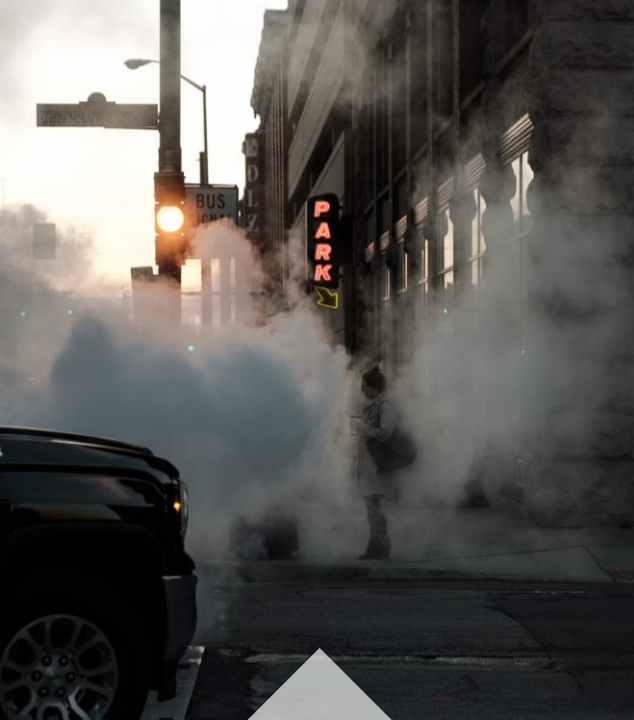


SMART CITY OF TOMORROW





MAIN PROBLEMS



UNCOMFORTABLE CONNECTIONS



INCREASE POPULATION



POLLUTION

- DESEASES
- ACID PRECIPITATIONS
- GLOBAL WARMING
- TOXIC GASES



TRAFFIC

- POLLUTION
- NOISE
- STRESS





SOLUTIONS



SMART MOBILITY

E-MOTORBIKE



SELF DRIVING
TAXI



TRAIN



E-BIKE



AUTONOMOUS
CAR



ADVANCED
PASSENGER TRAIN



SPECIAL
VEHICLES



E-MOTORBIKE

E-BIKE







Torino Porta Susa

CONNESSIONE UNIVERSALE PER MONOPATTINI

- COMPATIBILE CON I DIVERSI VOLTAGGI
- MONTAGGIO UNIVERSALE SUI VARI MODELLI E MARCHI

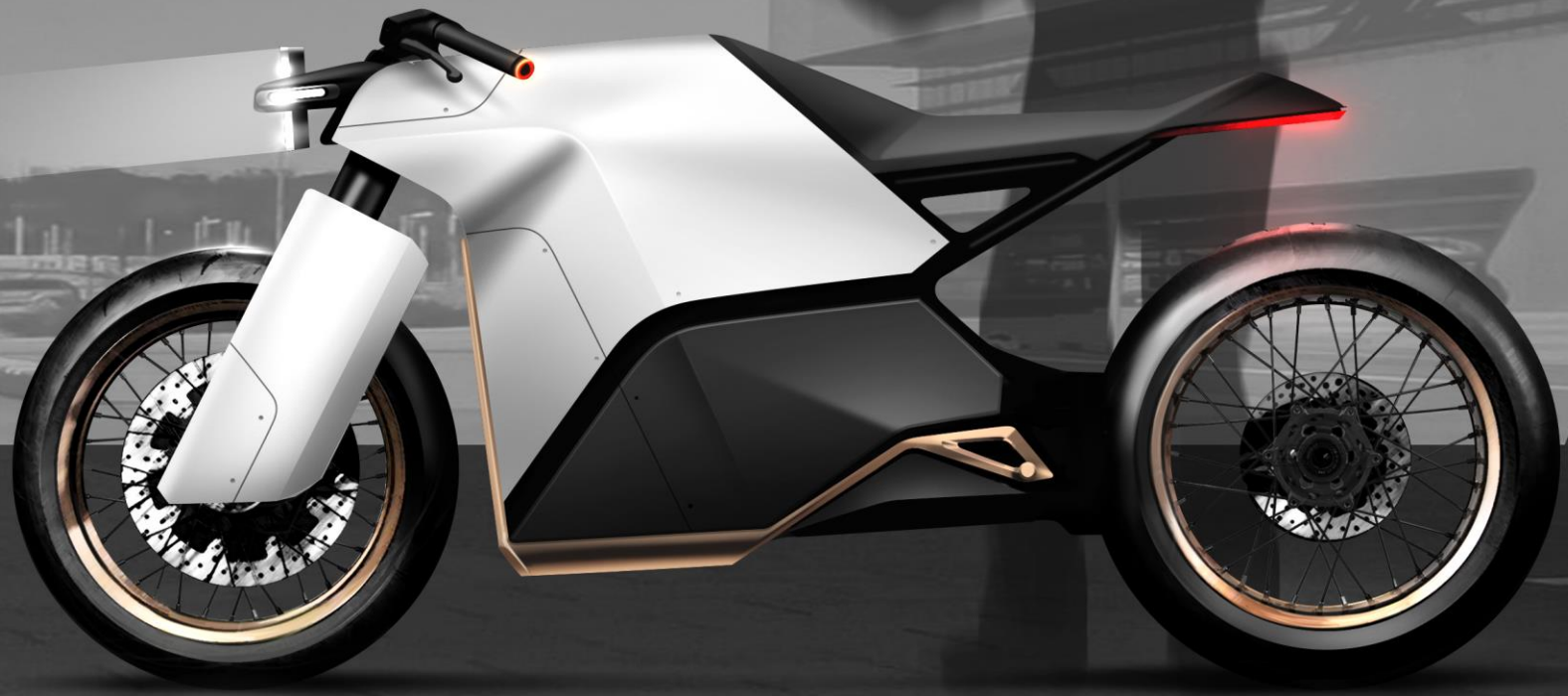
A D A S

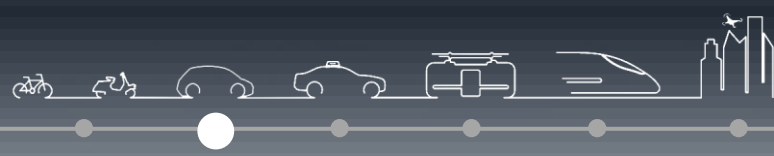
ADVANCED DRIVER ASSISTANCE SYSTEM

3 WHEELS

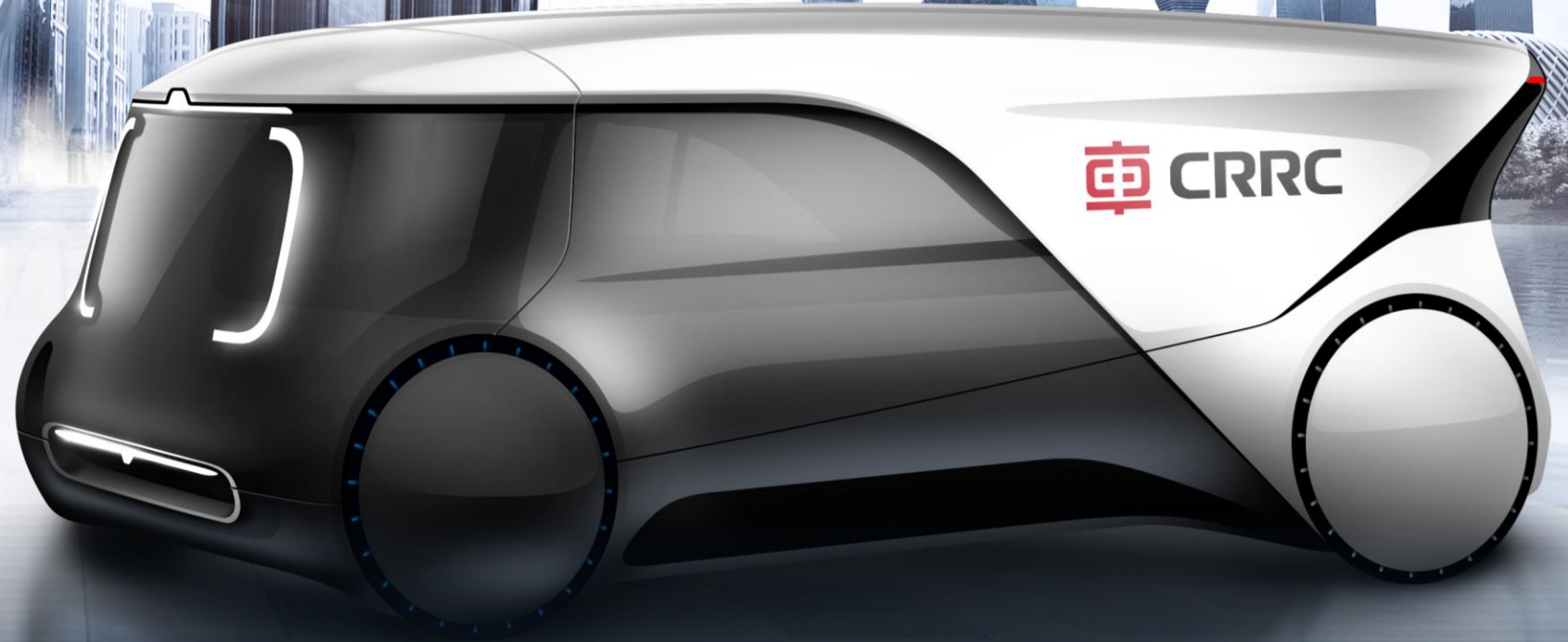
IMPROVED STABILITY
IMPROVED SAFETY

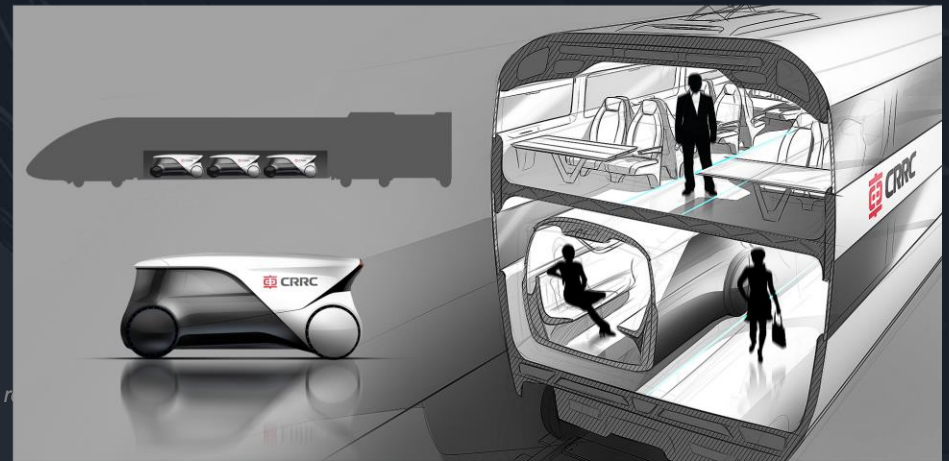
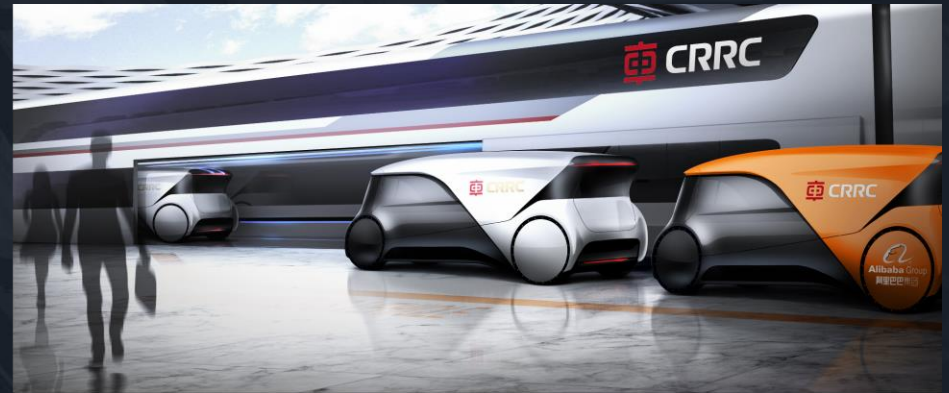
- WOODEN FLOOR REINFORCED WITH ALUMINUM SANDWICH
- 3D FRAME PRINTED OPTIMIZED THROUGH TOPOLOGICAL OPTIMIZATION FOR ADDITIVE MANUFACTURING





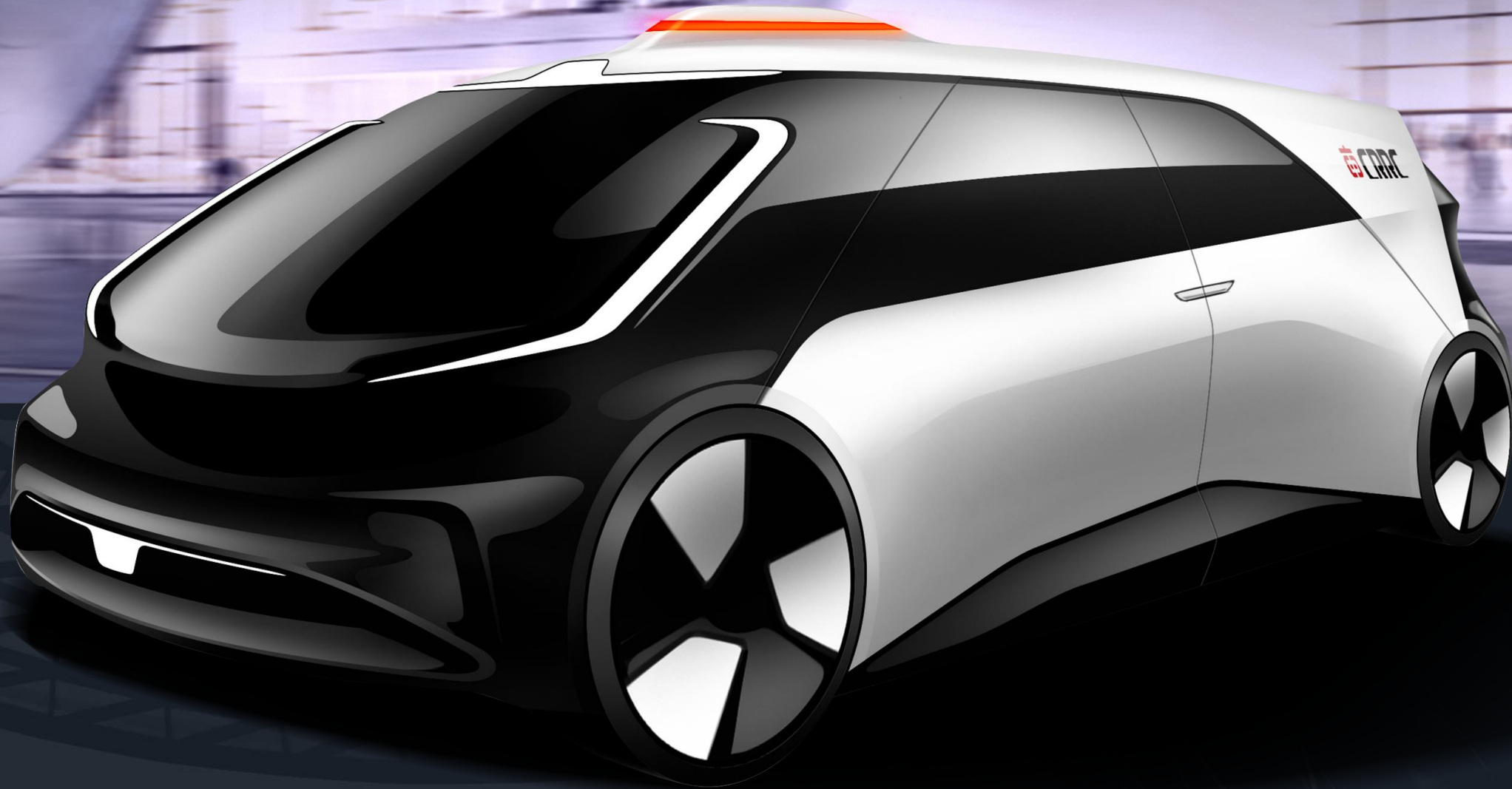
AUTONOMOUS CAR







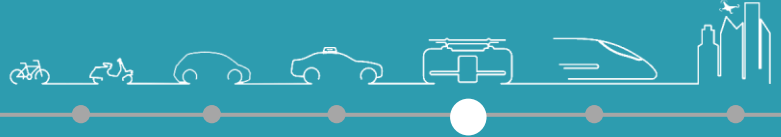
SELF DRIVING TAXI





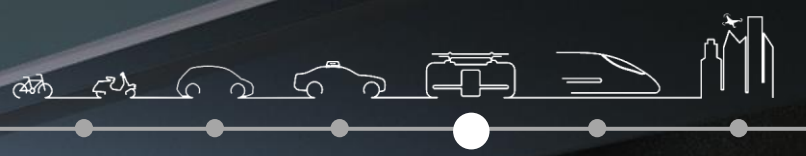
HUMAN MACHINE INTERFACE EVOLUTION





ADVANCED PASSENGER TRAIN

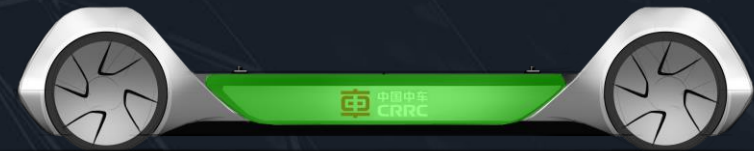
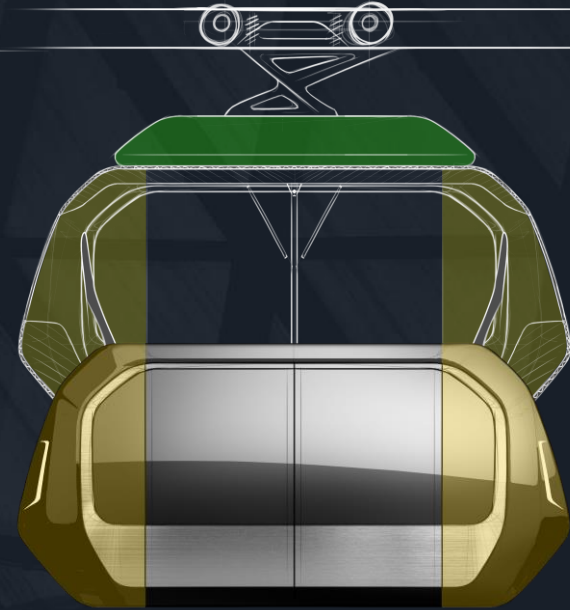


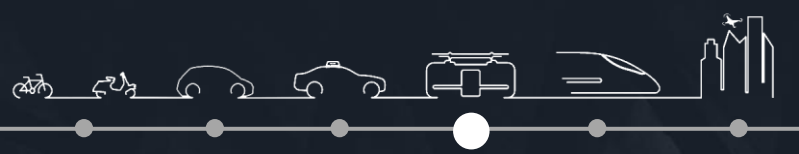




SHARED PLATFORM

CAR – HANGING CAR - MONORAIL



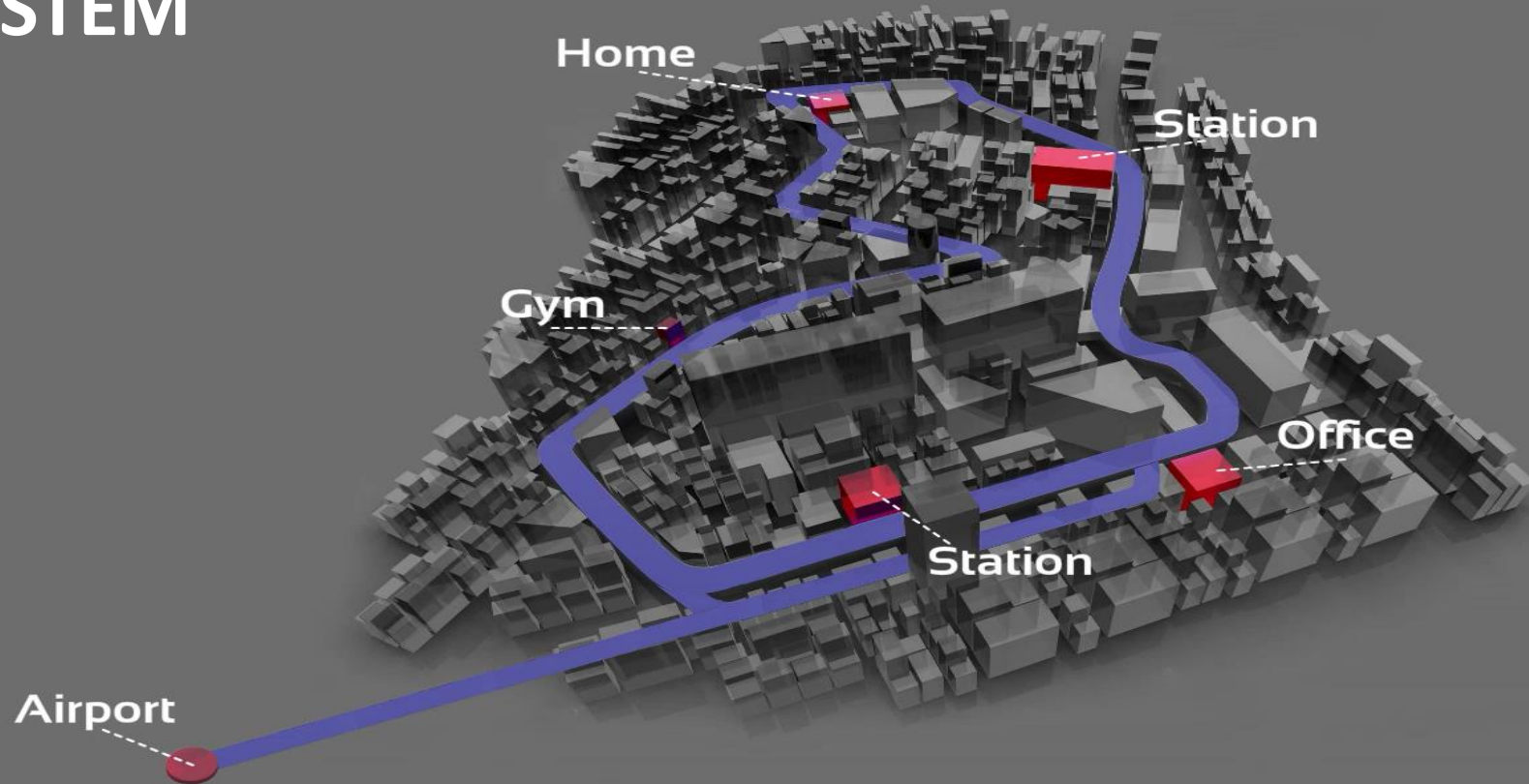


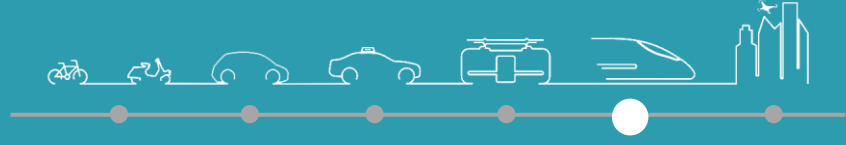
SHARED PLATFORM

CAR – HANGING CAR - MONORAIL

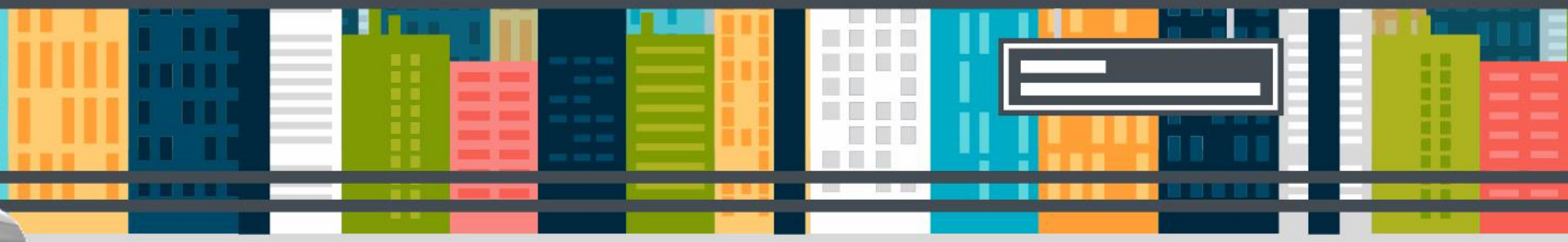
OPERATING SYSTEM PROPOSAL

Map, station, failure
and rescue.
Control system
and control center.



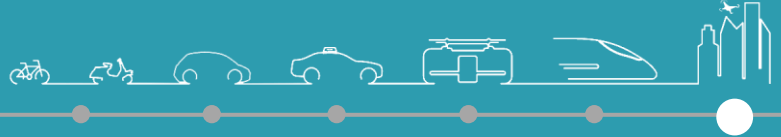


TRAIN

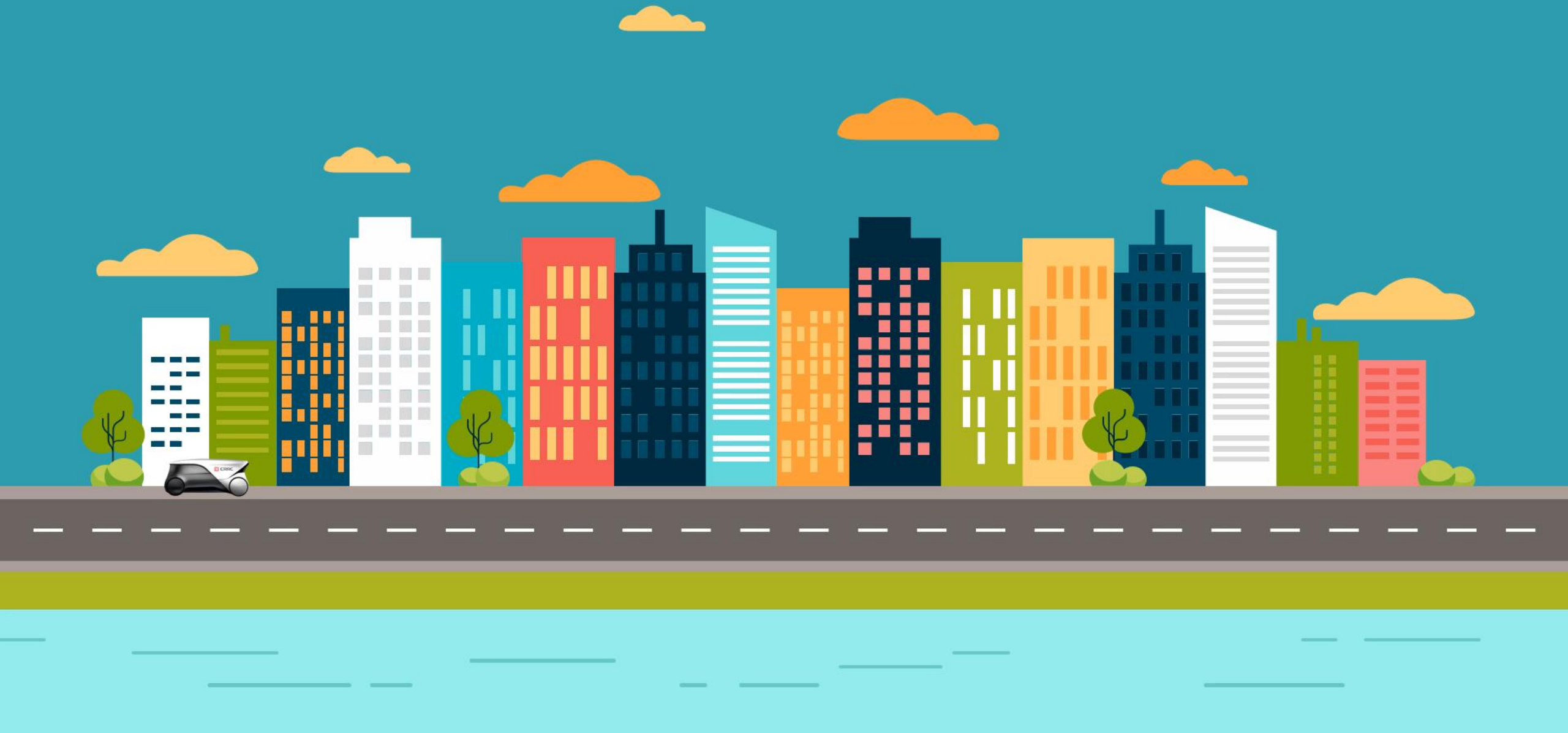








SPECIAL VEHICLES





AMBULANCE



POLICE

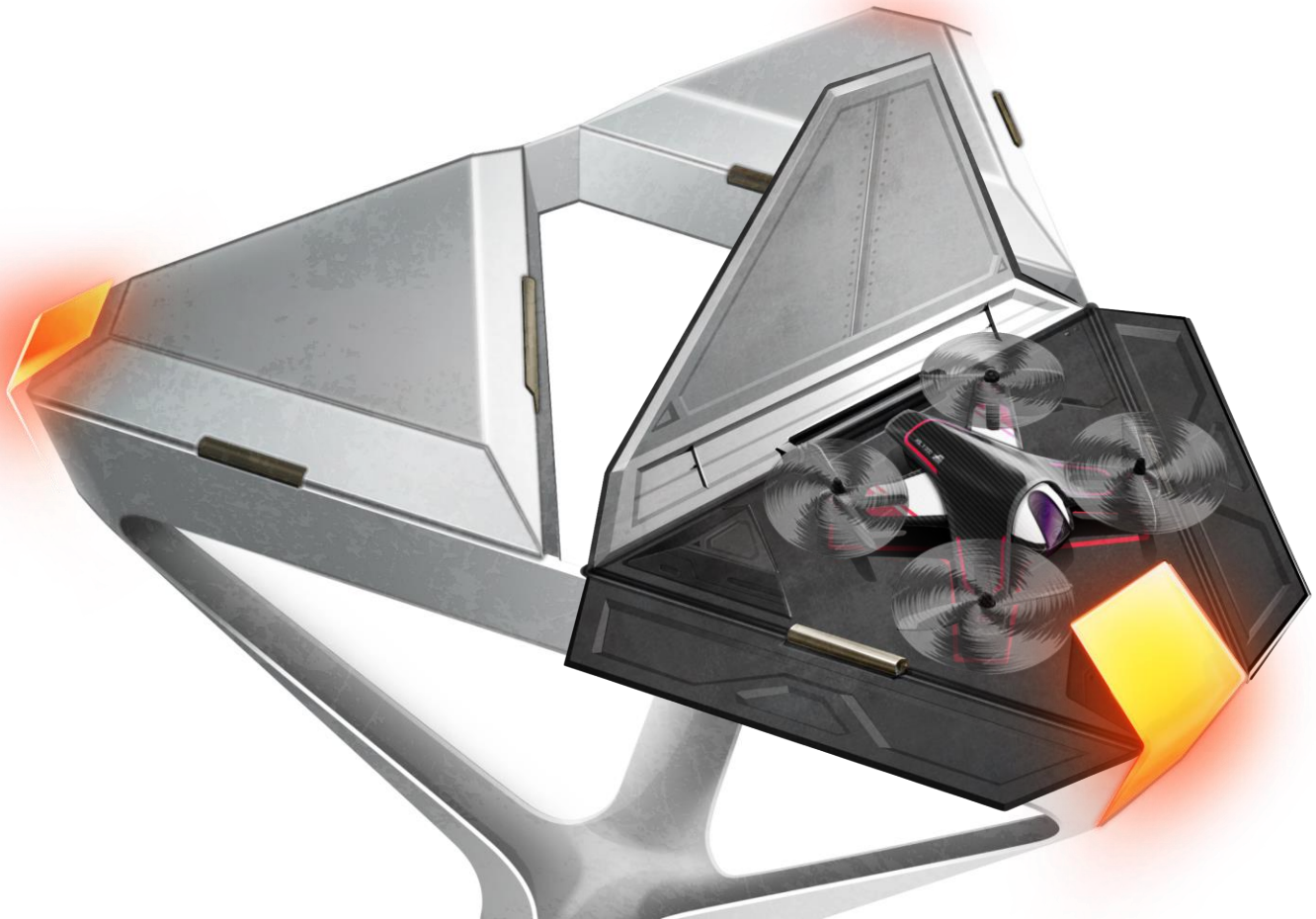
FIRE RESCUE



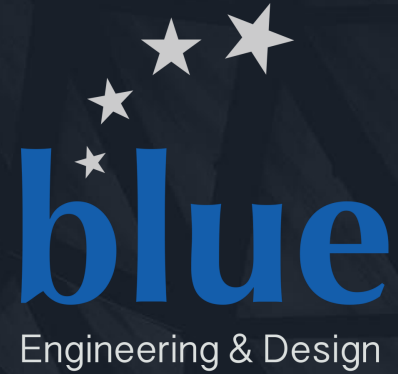
PATROL TRAFATIC



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THANK YOU FOR YOUR ATTENTION

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