



Almaviva

absolute digital.

Railway Transport

Moving fast forward

the railway transportation

In the past decades the Rail Transportation Industry witnessed major changes bound to the introduction of free competition patterns among Infrastructure Managers and Railway Undertakings for more efficient and integrated services to end-users.

New strategic drivers within railway transportation and winning competitive advantages are represented by a highly efficient rail infrastructure, interoperability patterns for transport operators and networks, reliable services to passengers, customer need satisfaction.

the role of ICT within the Industry

Railway sector liberalization, introduction of interoperable mobility, enhancement of freight transport on rail, infrastructure safety & security, as well as passenger rights. These are the new key issues of the Rail Transportation Industry making ICT as strategic as ever in supporting daily operations.

Resource planning and management systems, infrastructure & investment monitoring and management platforms, business operations management solutions, information platform, safety systems & security applications. This is Almoviva value proposition for the Industry.

Almoviva Transportation & Logistics BU

In Almoviva Transportation & Logistics BU nowadays represents the most significant ICT player within the Transportation & Logistics Industry. From exclusive expertise in the railway transport sector to the definition of a complete value proposition of solutions and services addressing the integrated local public transport and intermodal logistics sectors.

Almoviva Transportation & Logistics BU designs and implements mission-critical enterprise solutions to passenger and freight mobility: a suite of integrated solutions for business process planning and resource planning, operations management, traffic command & control supervision, information management, e-ticketing, ERP, security, and mobile technologies.

A suite of integrated platforms for railway business process & resource planning and management

Moving fast **forward**

Our value proposition

End-to-End solutions

Functional & process advisory in the implementation of business solutions, ranging from customer requirement analysis, project development, to system integration, application management & maintenance

Integrated platforms

Industry-specific business process knowledge, best-of-breed technologies and methodologies in design & implementation of custom, modular, and scalable solutions, integrated with Third-Party applications, and accessible on a multi-channel & multi-device basis

as-a-Service Solutions

Professional services, based on a suite of Transportation & Logistics Industry business process-tailored platforms, solutions and products available in an as-a-Service and on a pay-per-use basis



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OPERATIONS

Operation Platform, integrated with rail traffic planning, command & control supervision and management, plant operations, manouvre and shunting systems, rolling stock material maintenance & cleaning, ticketing & ancillary services for passenger & freight mobility, and for core business process management: planning, supervision and governance of operation processes (timetable, commercial requests, human resources, rolling stock material, plant & network capacity), document & paper compliance dispatch to travelling staff and running rolling stock material

TRAFFIC

Integrated Traffic Platform for real-time rail traffic monitoring and operation management re-planning, service interruption, detour, slow-down & accidental event scheduling and management, real-time data collection from on-field systems, traffic command & control within stations, passenger information broadcast, interface management with Railway Undertakings, as well as toll and access to the railway network fare calculation, integrated mobility plan strategies, E2E general outline agreement, tender, and service contract management

SECURITY

Integrated solutions, expertise and process methodology standards for physical and logical security management: cyber security, video-surveillance and mobile security, access & identity management, malware, antifraud & data protection, critical infrastructure management

TICKETING

Integrated multi-channel Commercial Platform for sales system implementation and ticketing process management: reporting, booking, revenue management, clearing house, customer service

MOBILE TECHNOLOGIES

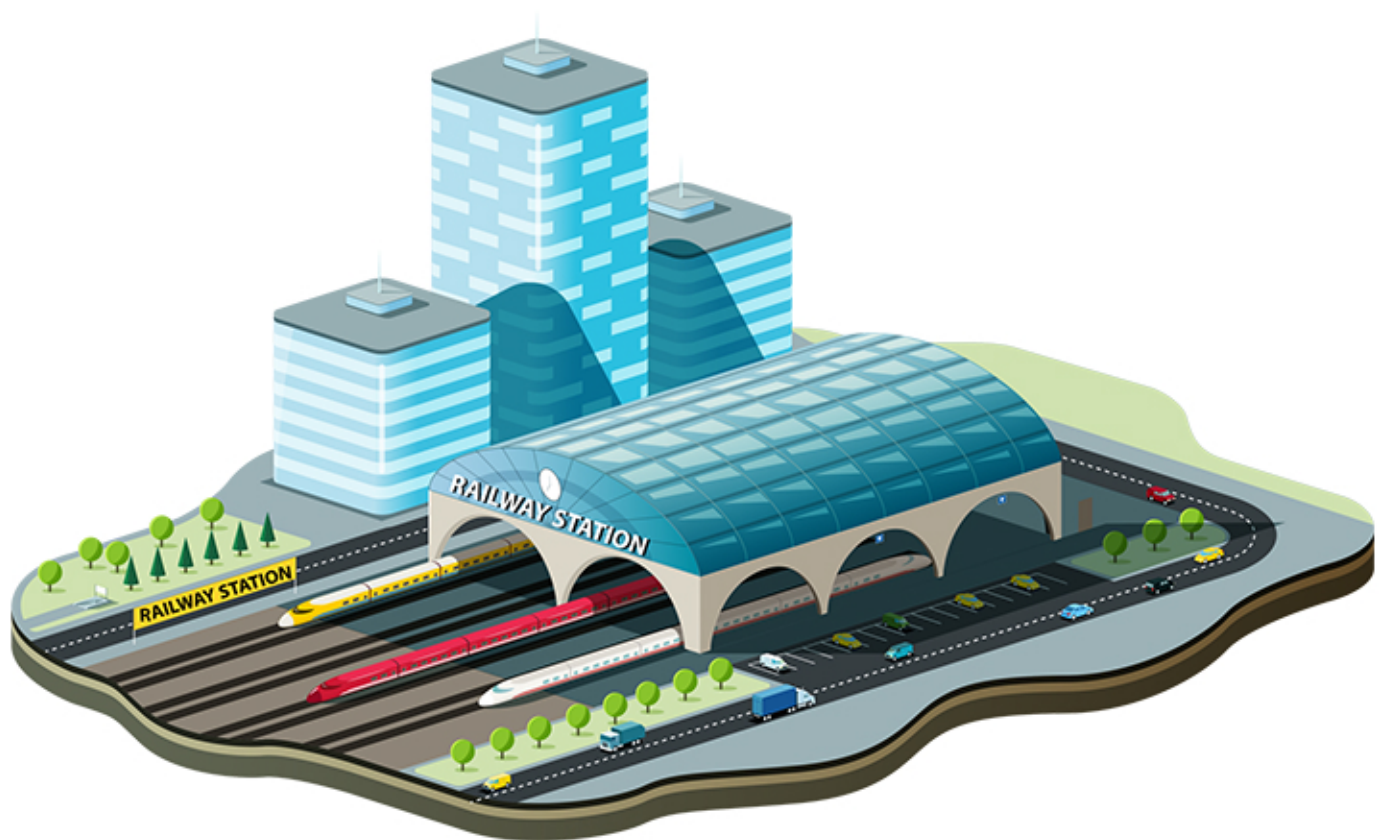
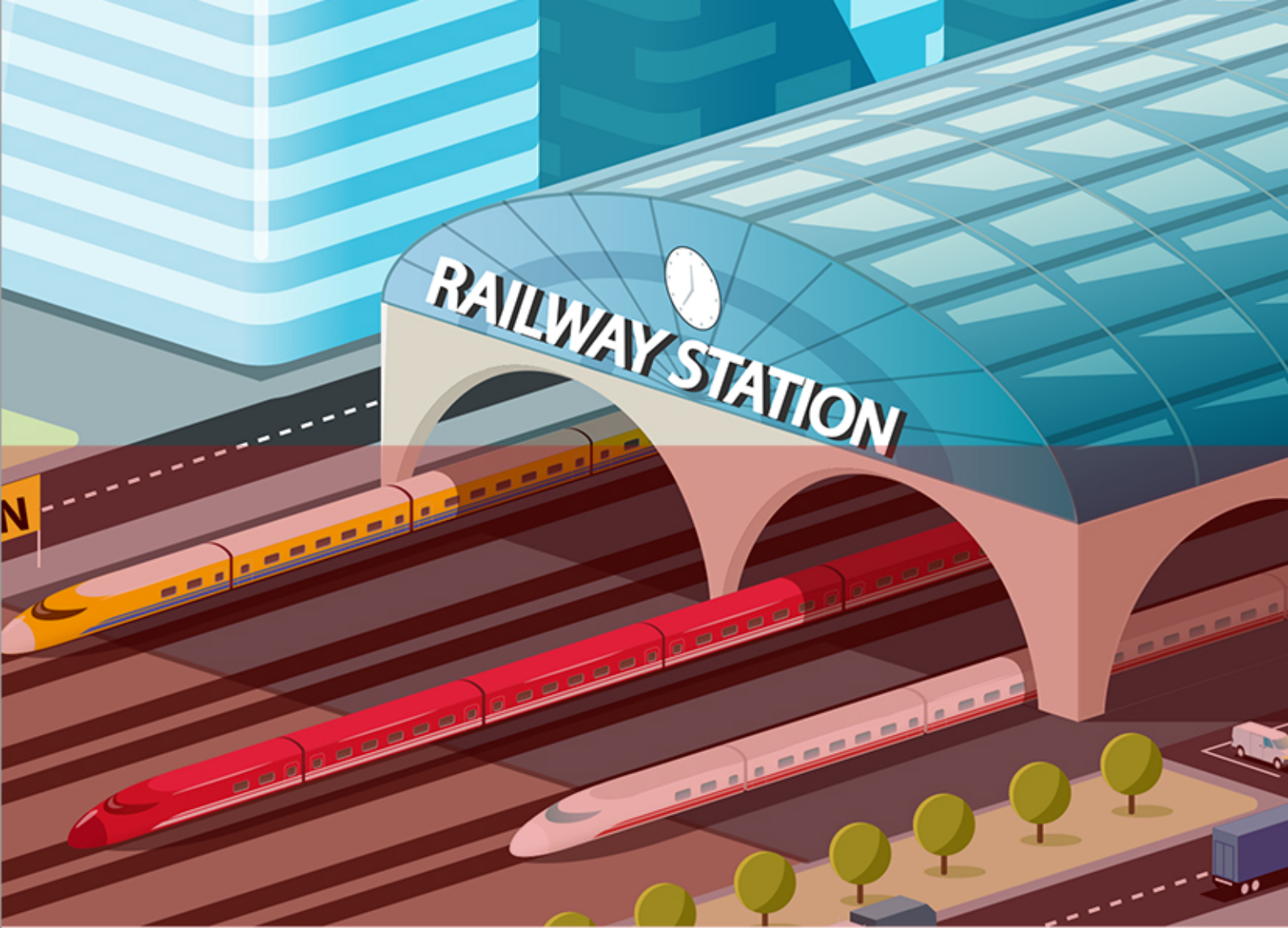
Skills & expertise on wireless, multi-platform & multi-channel technologies for ticketing process management (purchase, sale, inspection), infotainment (user-profile & context-aware-based content broadcast), access & identity management, material & spare part supply chain (physical & logical warehouse), quality assurance (inspections, claim management, KPIs, etc.), fleet location, freight monitoring, remote device diagnostics

INFORMATION

Real-time Information Management Platform for multi-service, multi-channel and multi-purpose content broadcast to passengers aboard trains and at stations: travel information, intermediate stops, weather forecast, commercial offering, multi-channel, user-profiled, geo-referenced and context-aware pull/push services, free and on-demand infotainment, notification & alert to on-board staff mobile devices

ERP

Integrated Platform for enterprise process, resource activity life-cycle planning & management: Administration, Finance & Controlling, operations & infrastructure logistics and maintenance (network assets & rolling stock material), facility management, purchasing & supply chain management, HR and enterprise performance management



the group

AlmavivA means technology innovation. Solid skills, unique expertise, continuous improvement and deep knowledge on the different industries, public and private sectors, make of AlmavivA the Italian leading Group within Information & Communication Technology.

AlmavivA supports the Country digital growth processes and takes up the challenge that each company must face to remain competitive, by innovating its own business model, organization, company culture and ICT system.

42,000
people in 2017

62
offices

8
Countries



ITALY

BELGIUM (EU)

BRAZIL

CHINA

COLOMBIA

ROMANIA

TUNISIA

USA

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