

SYSTEMS CAPABILITIES



With a global team of over 1,000 highly skilled systems experts, SYSTRA delivers robust, innovative, and future-ready solutions, addressing the complexities of today while anticipating the challenges of tomorrow

THE SIGNATURE TEAM

We understand the complexities of safety critical and business critical systems –whether it’s navigating technological disruptions, managing large-scale projects in remote settings, or ensuring sustainability and efficiency across the entire asset life.

At SYSTRA, we partner with clients to deliver world leading systems and infrastructure services that increases safety in construction and operation, enhances performance of operational assets, and drives long-term success in the face of increasing technical complexity.

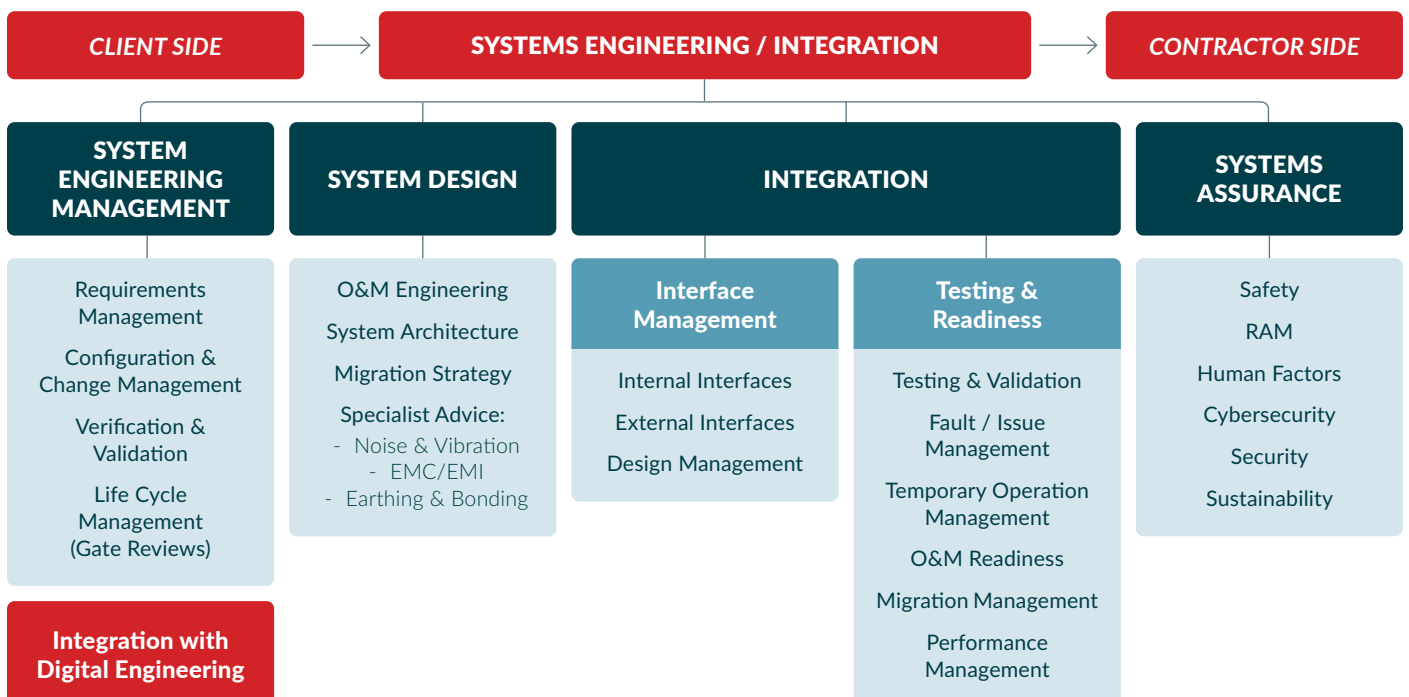
With over 65 years of experience, 11,000 employees and operational in 80 countries, it’s our mission to be there when it matters most, making a tangible difference in the success of all infrastructure projects.

HOW WE ARE DIFFERENT

We are the systems integrator of choice. A trusted partner in systems engineering, delivering a holistic and integrated approach that prioritises people and sustainability at every stage of the project lifecycle. Our clients benefit through:

- Simplifying complex systems and emerging technologies
- Enhancing the client and customer experience
- Optimising infrastructure for peak performance and cost efficiency
- Developing sustainable, future-proof solutions
- Enhancing reliability, safety, and security
- Providing specialised engineering expertise

OUR SERVICES





CASE STUDIES

1 » SYDNEY METRO

Sydney Metro is Australia's biggest public transport project. Building, operating and maintaining a network of four metro lines, 46 stations and 113km of new metro rail. SYSTRA has worked on all packages of the development in various capacities throughout. This includes the following services; Independent certification, Digital Engineering development and implementation, Human factors design, Project engineering and constructability advice including tunnelling methods, design, fit out and construction.

2 » GRAND PARIS, FRANCE

The Grand Paris Express, Europe's largest infrastructure project, consists of four new automatic metro lines. With almost 200km of new lines and 68 stations, this new network aims to double the capacity of the Paris metro and link the city's suburbs.

SYSTRA has been present in all phases of the project commencing in 2011 until completion of the network, expected by 2030. To support Société du Grand Paris (SGP), the government agency responsible, SYSTRA has provided its unique systems focused approach where we have helped in project management, project management technical assistance and project management assistance.

3 » METRONET MORLEY-ELLENBROOK LINE

SYSTRA provided systems expertise for the METRONET Morley–Ellenbrook Line, Western Australia's largest public transport project in over a decade. Opened in 2024 the line spans 21 kilometers and includes five new stations, ensuring a transformative impact on connectivity and reducing journey times to Perth CBD. Working on behalf of Alliance partners, Laing O'Rourke and the Public Transport Authority (PTA), SYSTRA was responsible for the design and supply of equipment and commissioning of communications and operational technology for each of the stations and line wide (between the stations, along the track).

4 » NORTH-SOUTH RAILWAY, SAUDI ARABIA

The 2,400 km North-South Railway transports passengers and freight enhancing connectivity and supporting industrial growth in the region. SYSTRA was heavily involved in the development of the line, leading the feasibility studies and detailed design from 2004-2006 before undertaking the supervised construction from 2006-2024. In addition, SYSTRA also managed rolling stock procurement, overseeing technical specifications, tendering, manufacturing supervision, and equipment acceptance. The railway became operational in 2013, with passenger services launching in 2017.