



EPC & EPCM Services

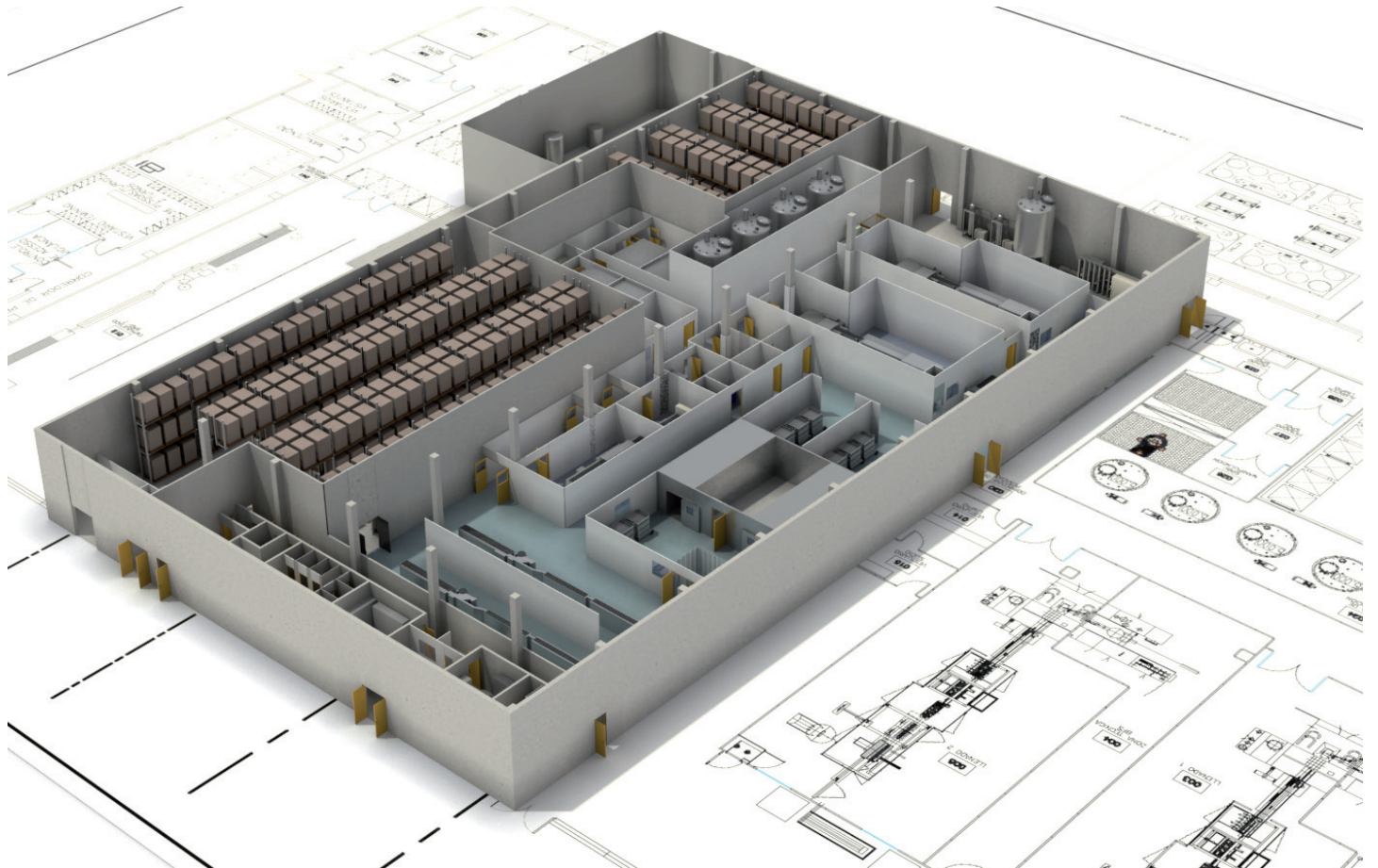




Telstar is a recognized global projects partner for technology-based clients in the Life Science and Healthcare industry, with specialist skills the provision of both conventional and modular solutions on turnkey or EPCMQ services.



Telstar provides Global Solutions to our clients and has executed projects in more than 20 countries across Europe, Asia, North and South America. We specialise in the provision of regulatory compliance, engineering, construction and qualification solutions for greenfield, brownfield retrofit facilities for the Life Science and Healthcare sectors, with highly specialised skills in conventional and modular biotech, pharmaceutical, aseptic and total containment solutions.

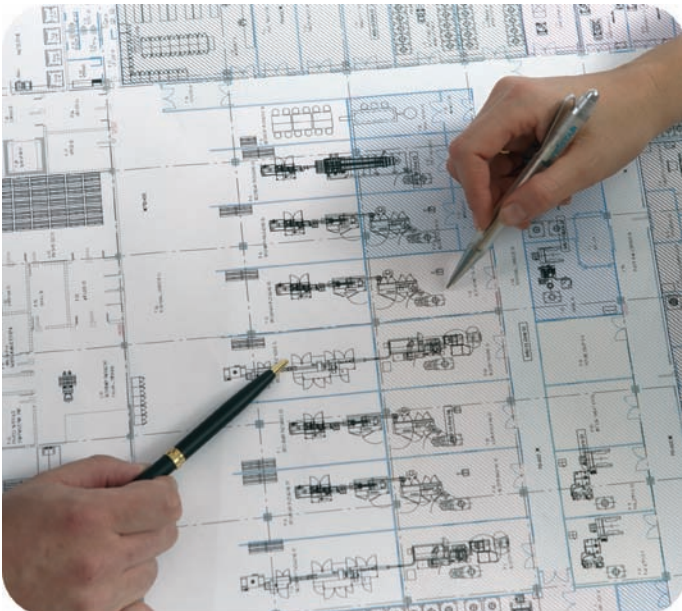




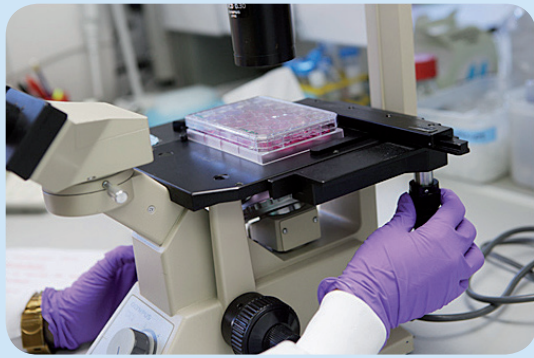
Our Services Offerings:

- Feasibility Studies
- Site Assessment / Selection
- Programming / Planning
- Site Master Planning
- Facility Design
- Construction and Project Management
- Design / Build & Turnkey Project Delivery
- Mechanical / Process / Cleanroom Contracting
- Commissioning / Validation and GMP consulting
- Process Equipment Installation and Hook-up
- Modular Solutions and Facilities
- GMP qualification and Testing Services
- Computer System Validation
- Cleaning Validation
- Systems Integration and Warehouse Management systems
- Instrument Calibration Services
- Facility Compliance Audits and Gap Analysis
- Preclinical and clinical advice
- CDISC Standards
- GCP Audits and preparation of DMFs

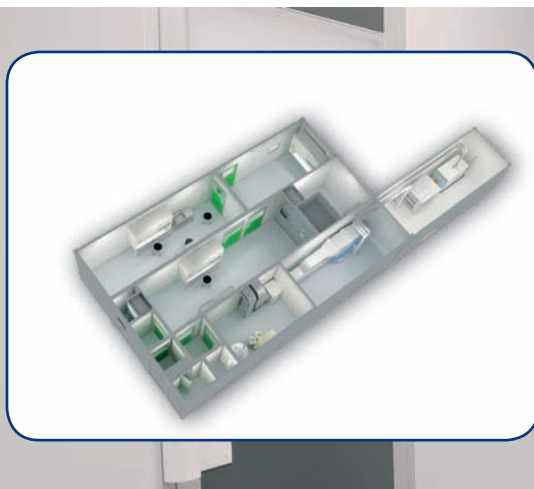
We started our operations in Spain in 1963 and maintain today an organization of over 1000 employees and a central head office located in Terrassa (Barcelona). From the start of operations until today Telstar has successfully completed more than 200 Life Science projects across the globe.



Telstar is a leading international company for “turnkey solutions” using local and expatriate industry experts, providing best in class solutions and fit-for-purpose facilities. We have the proven capability to drive turnkey projects to completion, from the initial concept and engineering through construction to successful qualification. In addition to conventional turnkey solutions, Telstar with its sister company KeyPlants are experts in the provision of Modular Solutions.



From our project experience we are fully conversant with the nuances associated within the Life Science and Healthcare sectors. We are actively combining this knowledge with the experience of an international specialist Life Science turnkey solutions provider, with a global footprint and supply chain, coupled with specialised pharmaceutical equipment manufacturing capability, to meet your individual needs in regards to standards, construction quality and regulatory compliance.



The secret to our success lies in our experience in the Life Sciences industry as it is the only industry we serve. Our specialised multi-disciplined staff with dedicated subject matter experts, our corporate culture of Health and Safety, Quality of workmanship, integrated team spirit and a commitment to providing value to our clients makes Telstar the right choice for your projects. We have a wealth of knowledge and expertise which enables the seamless integration of consulting, design, construction and qualification services that provide value innovation and success to your projects.



References



Square Pharmaceuticals, Oral Pharmaceutical Plant & New Parenterals Pharmaceutical Plant, Bangladesh

Services Provided

Project Management, Process Design, GMP, Architecture, E & I, HVAC System, Piping, Automation and Construction, BMS System, Clean Room, Process Installations, Production and Auxiliary Pharma Equipment (Pass Boxes and Showers), Qualification & Validation.



Galenika Pharmaceuticals, Oral Solid Dosage Production Plant, Serbia

Services Provided

Project Management, Process Design, GMP, Architecture, E & I, HVAC System, Piping, Automation and Construction, Process Equipment design and specifications (FBD, Tablet Press, Granulators, Dispensing, Packaging, Coating, Automatic inspection line), Associated Equipment supply (Pass-through boxes & Laminar Air Flow). Process Systems (PW Generation Plant, PW Storage & Distribution, CIP Storage & Distribution), Process Installation, Qualification (IQ & OQ).



B.BRAUN, Lean Infusion Factory Technology (LIFT) Manufacturing Facility, Spain

Services Provided

Project Management, Process and Process Equipment Design, GMP, Clean Room Architecture, HVAC, E+I, Clean Piping, from Concept through Basic, Detailed Design to EPC Contractor, Protocol preparation and execution through to OQ Completion. System & Equipment (including Weighing & Sampling Booths) supplier for this new pharmaceutical manufacturing and process facility for a continuous processing high potent parenteral solutions.

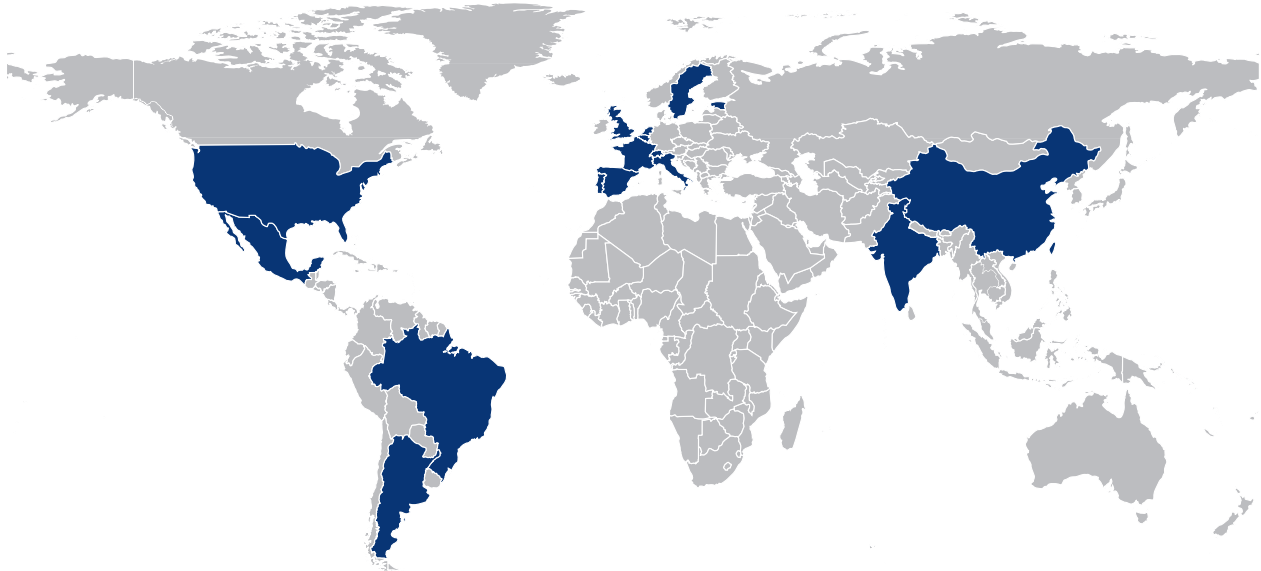


Hisun Pharmaceutical Co. Ltd, integrated high potent filling lines for bulk production of potent sterile antibiotics, China

Services Provided

Project Management, Process and Process Equipment Design. GMP, Clean Room Architecture from Concept through Basic, Detailed Design to EPC Contractor for 3 new contained and fully integrated filling suites for production of antibiotics, including provision of 3 x 40m² lyophilisers, 3 fully integrated contained filling lines using Telstar isolators, associated HVAC and HEPA systems and Qualification Services through to OQ completion.

If you are looking for integrated solutions for complex Life Science and Healthcare facilities, Telstar is the experienced Total Solutions Partner you need.



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