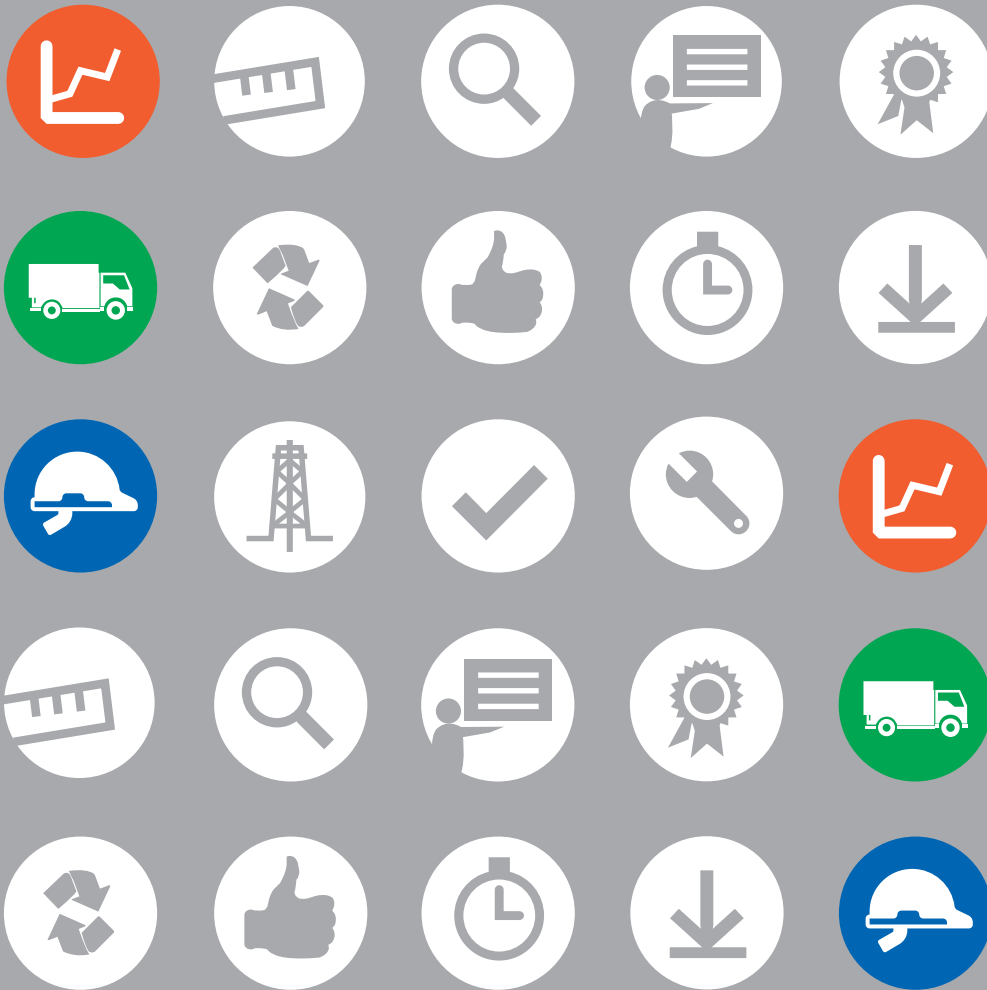
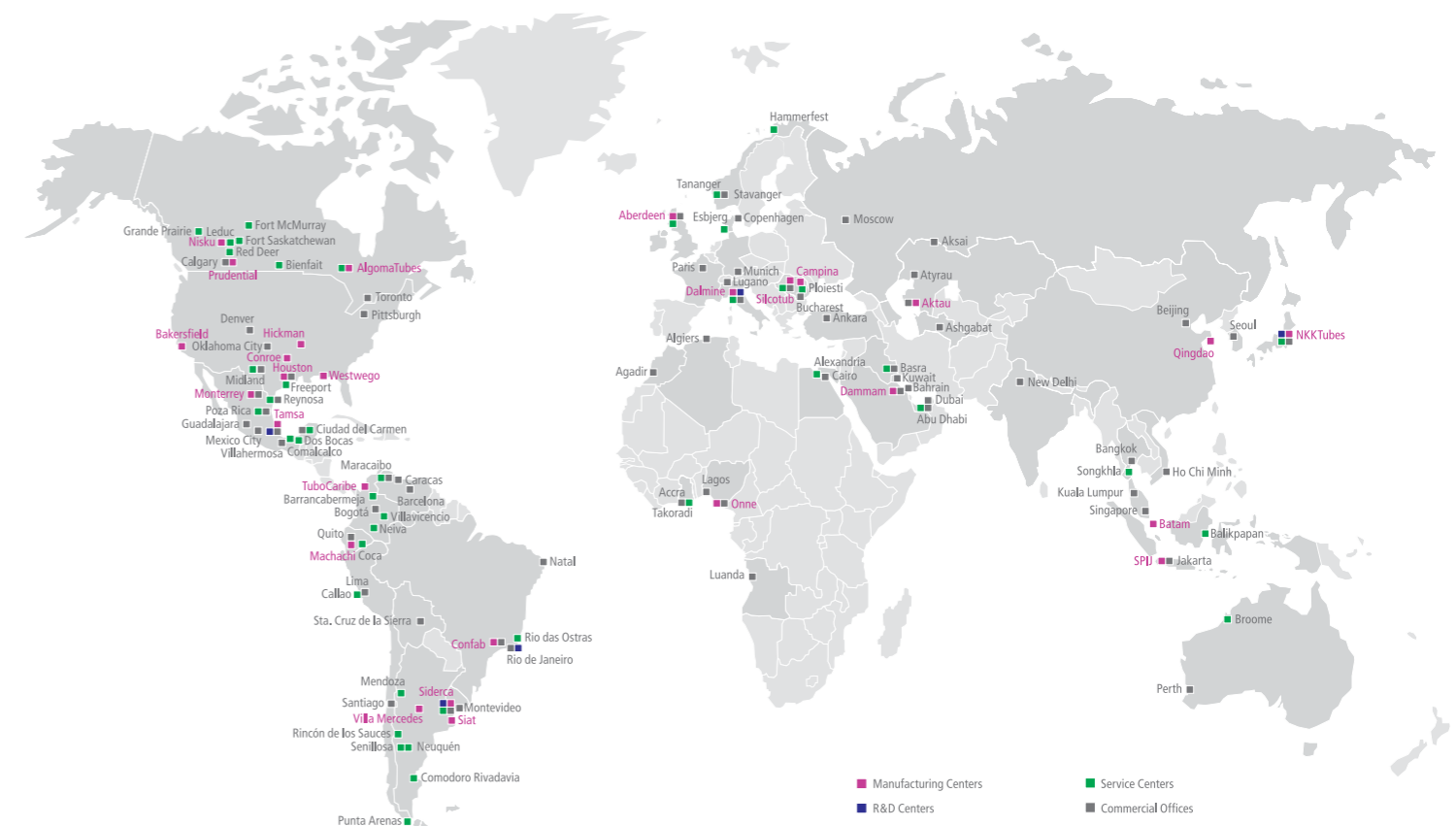


Rig Direct



Tenaris

Tenaris is a leading supplier of tubes and related services for the world's energy industry and certain other industrial applications. Our mission is to deliver value to our customers through product development, manufacturing excellence, and supply chain management. We seek to minimize risk for our customers and help them reduce costs, increase flexibility and improve time-to-market. Tenaris employees around the world are committed to continuous improvement by sharing knowledge across a single global organization.



Service and support worldwide

We are bringing our renowned quality and expertise directly to the rig site, streamlining the supply chain saving our customers time and money while adhering to the strictest standards of HSE.



Tenaris has the most complete product portfolio on the market, including seamless and welded OCTG, TenarisHydril premium connections, OCTG accessories, line pipe, coiled tubing and sucker rods. We are investing in strategically located service centers to bring this portfolio directly to our customers' operations.

Benefits for our customers

Our experts in pipe materials and performance, material supply, inventory management and preparation for use, and subsequent running in the field are helping customers to achieve safer and more efficient operations.



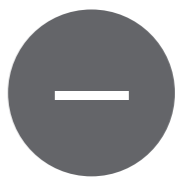
Reduce
the total cost of operations



Improve
product reliability and efficiency



Maximize
operational safety



Minimize
environmental impact



Optimize
the use and extend the service life of materials

RIG DIRECT™ PILLARS



Technical
consulting
services

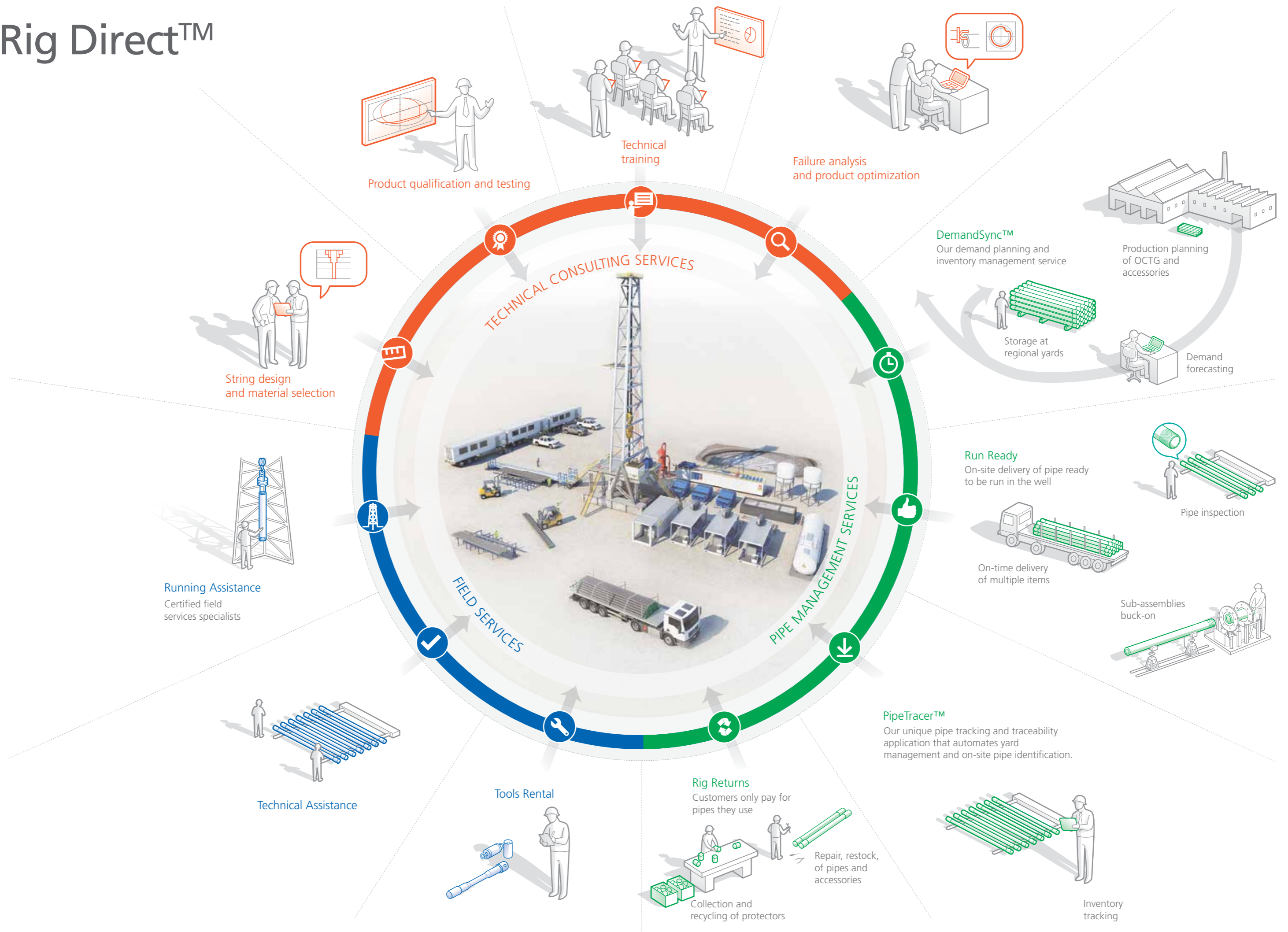


Pipe
management
services



Field
services

Rig Direct™





Technical consulting services

When operations require customized technical solutions, our team provides expert consultancy in string design and material selection services, failure analysis and training.

STRING DESIGN AND MATERIAL SELECTION

We have a group of professionals trained and certified to support customers during string design in order to meet their needs for each well profile, combining the experience of a global team and sophisticated industry-recognized software. They are also trained to select the steel grades to achieve the best performance in each environment and to recommend products for corrosive environments, mature or unconventional fields, among others.

FAILURE ANALYSIS AND PRODUCT OPTIMIZATION

Analysis of the well history data and recurrent failures in order to advise on changes on the tubing and sucker rods materials. Should a problem arise, we use state-of-the-art testing technology to identify the source of the problem and find the best possible solution.



QUALIFICATION & TESTING

Through our R&D Centers we conduct qualifications and tests requested by our customers. Our products meet the highest industry standards including API 5C5 CAL-IV. The tests that we carry out include full-scale testing, fatigue analyses of plain end, and girth joints or threaded pipes, among many others.

TECHNICAL TRAINING

Through a team of experts with vast experience in the use of our technologies, we offer technical training for our customers' field teams, in order to contribute to the better use, application and performance of our products.



Pipe management services

We optimize our customers' operations by reducing tubular supply chain costs and minimizing inventory levels and working capital.

DEMANDSYNC™

Tenaris partners with customers to reduce their total cost of ownership through integrated supply and demand planning and inventory management, ensuring the availability of tubular products, sucker rods and accessories in the right quantity, place and time, reducing inventory costs, obsolescence, and stock out risk.

RIG RETURNS

Tenaris understands the need for making operations more cost effective. Through Rig Returns, our customers only pay for the pipes that are used. We recover, inspect and clean surplus pipes and also collect and recycle protectors.



RUN READY

To promote more efficient operations, we prepare the pipes in our regional service centers and deliver them to the rig ready to be run. This includes any necessary maintenance, re-doping, sub-assemblies buck-on and procurement of third party materials in order to increase efficiency at the rig site.

PIPETRACER™

Tenaris has implemented a pipe-by-pipe digital identification system at its mills in order to better track and locate singular pipes and receive information about their main characteristics. Our service centers will be able to keep track of their inventory and update pipe status and service conditions. With our PipeTracer™ app, customers will receive customized and updated pipe data, doing away with the need for manual tally and status reports.



Field services

Highly trained and Tenaris certified field service specialists reduce operational risks and optimize running times.



TECHNICAL ASSISTANCE

We have a team of certified field service specialists who promote operational safety and efficiency. We work side-by-side on site with our customers to ensure right practices are followed and products are properly installed and used.



RUNNING ASSISTANCE

Our experts advise regarding the appropriate use of our products and the application of the corresponding operational practices during installation, focusing on the running of premium products.



TOOLS RENTAL

We offer tool rental to avoid delays and for the appropriate use of our premium products. This service is provided for certain specific, highly-demanding operations, where the purchase of a workstring by our customers is not cost-effective.



For additional information,
please visit
www.tenaris.com/rigdirect



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