IT’S OUR LEGACY THAT DRIVES YOUR SUCCESS
Exterran is a leading provider of equipment and service solutions to clients worldwide across the oil and gas industry.

Our customers rely on us for production equipment, natural gas compression packaging, gas processing and treating equipment and produced water treatment solutions. From wellhead to pipeline, we have more than 60 years of proven performance, technical expertise and commitment to service, helping our customers get their oil and gas moving quickly. In addition, we also offer natural gas compression rental and full services with aftermarket parts and services that are supported by highly skilled and trained technicians*.

Headquartered in Houston, Texas, Exterran Corporation is a $2.2 billion publicly traded company with approximately 7,000 employees and operations worldwide.

*Available only outside the United States
A Legacy of Proven Performance

A 60-year Legacy

For more than half a century, Exterran has worked to exceed client expectations. We have the resources to provide true end-to-end solutions that deliver value throughout the project life-cycle. From industry-leading design and engineering experience to our full range of products, services and our expert personnel, we stand ready to solve any challenge and meet your most ambitious project goals.

Expertise That Delivers Results

From wellhead to pipeline, we are proud to partner with our clients to deliver experience, expertise and an unrelenting commitment to service. With resources spanning oil and gas producing regions worldwide, we have the engineering design, procurement, construction, project management, turnkey processing facilities, equipment and customer services to help ensure our clients’ operations are covered.

For more than 60 years, Exterran has built a legacy of proven performance.

People Who Get it Done For You

Wherever your project takes you, chances are we’re already there, ready to serve you. Our people take professionalism and expertise to the highest levels. We are collaborative, responsive, accountable and meticulous in meeting your precise needs. Work with us, and you will experience the very definition of service excellence.

Safety is Our Culture

Excellent health, safety and environmental (HSE) performance is much more than an objective at Exterran—it’s ingrained into who we are and part of everything we do. We see it as a key measure of our success, and we will never waver in our commitment to our goal. Our commitment produces results. Exterran’s safety performance ranks right alongside the best performing companies in the oil & gas services industry. We are certainly proud of our record, but we will never be fully satisfied until we reach our ultimate safety goal – zero. That means zero incidents, zero accidents, and zero injuries, every person, every job, every day.
From wellhead to market, Exterran delivers value, providing clients with the best solutions for monetizing their oil & gas resources. When these resources emerge from the well, Production Equipment starts the process, separating the oil, gas and water streams. The oil is prepared for sale while the gas is moved through Gas Compression and Gas Processing and Treating where we extract natural gas liquids and use gas treating facilities to remove hydrogen sulfide and/or carbon dioxide before the gas meets pipeline specifications and goes to market. Our Produced Water Treatment systems handle the water cuts, preparing them for reuse or disposal.

Our Aftermarket Parts & Services group supports the process with specific parts and a full range of service needs. We also provide Integrated Projects assistance that encompasses design, construction, installation and project management to take your project from concept to operations more efficiently.
Natural Gas **COMPRESSION** Solutions

**Compression At Our Core**

Clients around the world count on Exterran’s superior engineering and unmatched expertise, experience and services for natural gas compression. We offer any size compression packages and services from large scale facilities to smaller, short-term projects.

Exterran manufactures an extensive range of state-of-the-art compression packages. Our broad gas compression product range includes small, rotary screw units, complex, high-horsepower reciprocating units capable of either onshore or offshore deployment anywhere in the world. Exterran engineering ensures consistent quality, predictable performance, simple operation and easy maintenance.

Compression equipment packages are available up to 9,000 horsepower (HP) with custom specifications for a full array of applications. We offer new-build compression packages that are fully configured by the customer and can be delivered as fast as 10 to 14 weeks. Exterran understands unique operating environments, from colder regions and scorching deserts to corrosive offshore environments, we have the resources to deliver what is needed to optimize production in varying conditions. We provide turnkey services, including project management, facility and equipment design, equipment manufacturing, facility construction, installation, startup and facility operations.

**Speed**

- Industry-leading delivery
- A ready inventory of preconfigured units may be available for immediate delivery
- Expedited production drawings for faster planning
- Simple assembly and commissioning to bring operations online quickly
- Online ordering ease with our [build-it form](Exterran.com/C-series)
- Quick installation, commissioning and start-up service

**Confidence**

- 60 years of experience and unsurpassed expertise assures high-performing packages
- Proven reliability and units fit for your specific purpose
- Experience solving challenges for every application
- Engineering and operations experts assist with configuration decisions and technical support

**Flexibility**

- Extensive list of pre-engineered options to customize units to meet application requirements
- Compact skid designs and transportation-considerate packaging reduce costs and permitting
- Installation, commission and service units facilitate startup and unburden maintenance operations

**Gas Compression Applications**

- Gas Lift and Re-injection
- Gathering
- Gas Processing Residue
- Gas Turbine Fuel Boosting
- Transmission and Storage
- Floating Production, Storage and Offloading (FPSO)
Flexible Options

Exterran provides many options, including rental of compression equipment with full services. We also have used compression packages, parts and service; you can be confident we have a solution to help meet any need. Exterran was founded on providing natural gas rental and contract compression services, and we have dedicated ourselves to this business for more than six decades. We are the preferred source for proven solutions to our customers, building our reputation by reliably and safely operating 2.2 million horsepower (HP) worldwide. Our highly skilled and certified field service technicians (FST) have extensive experience with natural gas compression in varying conditions and environments. We provide the latest technologies, an extensive inventory of equipment and OEM parts in all the major oil and gas producing regions around the world to be on site as quickly as possible when needed.

Benefits of Rental Contract Compression:

- Pre-engineered compressor packages up to 9,000 HP ready for deployment
- Comprehensive fleet with the newest technology from an aggressive new build program
- Environmental services to assist with in-country regulations and compliance
- Single source for quality equipment, technicians & data management software to deliver better equipment, reliability, performance & run times
- Turnkey services from installation, equipment optimization to maintenance
- Highly skilled field service technicians to help optimize performance and production
- Trained and certified by all of the major OEMs including CAT, Ariel and GE Waukesha
- Field technicians located throughout the world for quick maintenance and servicing
- Leads the industry in run-time performance
- Quick delivery & start-up

*Available only outside the United States
**Single Source Production Solutions**

Exterran provides an extensive range of pre-engineered, high-quality, field-proven production equipment for both onshore and offshore oil & gas operations. Exterran keeps a full range of standard equipment in stock and ready for delivery. We also customize our offerings to meet your specific needs and manage a flexible stocking program to continuously support your unique drilling program.

Exterran has delivered outstanding production equipment expertise for more than 60 years. No other company has our depth of technical design and application experience. We partner with you to find the best solutions to meet targets, speed delivery and installation to get operations up and running, and keep them that way.

Exterran is known for building the best. We use only premium materials and quality-driven processes such as automated precision plasma cutting, computerized numerical controls and robotic welding. These technological advances result in extreme accuracy, efficiency and consistency in all our production equipment.

We use industry best-practices as part of our programs for inspections, pressure testing and material traceability. Our vessels are ASME code stamped and national board registered.

Thanks to the Exterran Flowline manufacturing process, customers can expect higher throughput, expedited delivery schedules and cost savings from the dedicated lines as compared to a bay build project. Greater efficiencies are gained, and we offer flexibility based on each customer’s schedule and forecast allowing for adjustments as needed.

**Key Applications**
(All can be designed for modular skid package efficiency)

- Separation
- Oil Treating
- Gas Dehydration
- Filtration

- Liquid Removal
- Condensate Stabilizer
- Gas Conditioning
Gas Processing & Treating Solutions

Processing Solutions – On Time & On Budget

We excel in both pre-engineered and custom-designed solutions using open art technology and proprietary designs. Exterran helps companies run profitable natural gas operations, offering higher value through proven efficiency and pre-engineered solutions.

To date, our industry-leading experience has resulted in the completion of more than 400 high-performance gas processing systems. Clients continue to choose Exterran because we can handle everything—design, engineering, manufacturing, installation, startup, commissioning and facility operation.

We keep strategic inventory of key components and employ automated schedule tracking of important details that can cut months off your project schedule. All of our offerings add valuable predictability and speed to your project, so you can secure gas processing contracts and accept production faster.

Product Families:
- High Recovery Cryogenic Plants (10-300 MMscfd)
- Natural Gas Processing (30-300 MMscfd)
- Amine Gas & Product Treating (60-2,000 GPM)
- Mechanical Refrigeration up to 100MMscfd
- Dew Point Control up to 35MMscfd
- NGL Fractionation (10,000 – 100,000 BPD)
- Condensate Stabilization (1,000 – 50,000 BPD)

Exterran has a team of experienced, multi-disciplined plant engineers ready to provide solutions for your toughest project challenges. We offer the QuickStart® program – a suite of specialized services that minimize delays and expedite plant startup including:
- Material Handling
- Assembly Supervision
- Trouble-Shooting
- Commissioning

Engineering Services
- Instrumentation, Controls & Programming
- QuickStart® Plant Commissioning

Modular Efficiency
Exterran pioneered innovative concepts in skid packaging, process standardization and modularized facilities to reduce overall project costs. Modular, factory-built equipment packages offer significant installation, time and cost savings as compared to stick built. Our standardized design philosophy greatly reduces the time from order to startup.

Exterran Pre-Engineered Plants

<table>
<thead>
<tr>
<th>Stage</th>
<th>Pre-Engineered</th>
<th>Stick-Built</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFQ/FEED Study</td>
<td>3 months</td>
<td>24 months</td>
</tr>
<tr>
<td>Contract Award</td>
<td>3 months</td>
<td>24 months</td>
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<tr>
<td>Detailed Engineering</td>
<td>11 months</td>
<td>18 months</td>
</tr>
<tr>
<td>Process Equip. Procure &amp; Fab.</td>
<td>11 months</td>
<td>18 months</td>
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<tr>
<td>BOP Equip. Procure &amp; Fab.</td>
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<td>12 months</td>
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<tr>
<td>Construction</td>
<td>11 months</td>
<td>18 months</td>
</tr>
<tr>
<td>Commissioning &amp; Start-up</td>
<td>2 months</td>
<td>24 months</td>
</tr>
</tbody>
</table>
Produced Water Solutions

Exterran provides a full range of treatment solutions for removing oil and suspended solids from produced water with primary, secondary and tertiary treatment. Our clients range from top oil producers to water disposal companies. We help recover oil and reduce disposal cost whether shipping it offsite or reinjecting on location.

Exterran designs, builds and commissions systems that quickly, efficiently and cost-effectively treat produced water ranging in volumes from 1,000 to >1,000,000 barrels of water per day (BWPD) for oil and gas production facilities. Every product and service we offer is designed for industry-leading treatment efficiency, wider operating bands and lower capital costs.

Systems & Products for Produced Water Deoiling

PRIMARY
Hydrocyclone Oil-Water Separation
- The P-KLONE™ uses centrifugal force to separate oil from water in less than two seconds with a turndown capacity of 50%. This is a well-proven method for taking water from the production separator with oil concentrations up to 5% and readying it for secondary treatments.

SECONDARY
Advanced Micro-Bubble Floatation (MBF®) Systems
- The RevoLift® HS IGF vessel is a high-volume MBF® system that targets oil separation outputs as low as <10ppm and trouble-free separation at rates up to 150,000 BWPD.

- The RevoLift® VS is a portable and compact IGF unit that utilizes MBF® with target outlet oil concentrations <10ppm and flow rates up to 27,500 BWPD.

- GFT™ Flotation (gas flotation tank) combines the process of a gravity tank and an IGF into a multi-chambered API tank to achieve as low as <10ppm target output at flow rates from 50,000 to 500,000 BWPD using MBF®.

TERTIARY
Black Walnut Shell Filtration
- Sabian® Black Walnut Shell (BWS) Filters remove the smallest traces of oil and solids that remain in produced water after other treatments. The system removes oil in water and total suspended solids (TSS) achieving a target water quality of <3ppm. Capacities range from 2,000 to 125,000 BWPD with a turndown capability of 45%.

Exterran engineers will work closely with you to develop any customized solution to get exactly the right configuration. From purchase to lease to contract services, we can add custom features to any of our water treatment solutions. We use computational fluid dynamic (CFD) modeling for both standard and customized modeling to ensure optimal performance.
Exterran offers expertise in project integration services for production and processing of crude oil and natural gas from design and fabrication to installation and commissioning. From the simplest wellhead production facilities through custom-engineered, multi-function processing plants, Exterran is your single source for proven, cost-effective and timely solutions. We have successfully completed projects throughout the world to international codes and standards for use in a variety of environments and a wide range of process conditions. We maintain a complete staff of qualified engineers, designers, drafters, manufacturing personnel and support staff to ensure the highest level of professional service to our clients.

Reduce Installation Time & Increase Profitability
- Safe and reliable. We draw from years of experience gained through designing, building and operating highly reliable surface facilities.
- Fast. We leverage in-stock equipment, in-house designs, and our own procurement, manufacturing and construction management capabilities.
- Flexible. We offer a complete range of facilities and services.
- Cost-effective. We provide turnkey solutions incorporating in-house engineering, procurement, installation, operation, maintenance and project financing to shorten time from concept to startup and minimal interfaces for our customer to manage.

Facility Designs
Exterran offers standard, modular and customized plant designs. Accelerate facility startup with Exterran’s standard designs and in-stock equipment. We also have the experience and expertise to engineer solutions that overcome a wide range of technical challenges.

FPSO Topside Modules
Exterran provides full-service construction for every type of FPSO topside module. We also build subsea manifolds, buoys and skidded packages, as well as the intricate piping between modules, including those requiring exotic metals.

We have fabrication and manufacturing facilities around the globe and a state-of-the-art facility on 260 meters of waterfront in Singapore, ideal for efficiently integrating topsides onto vessels. This high-tech facility covers 44,788 square meters and includes 7,500 square meters of covered workshops. We employ a large workforce and have access to additional labor to suit project requirements.

We understand that FPSOs must work in some of the world’s harshest environments, and we provide the rigorous attention to detail needed for high-spec offshore operations. We provide specialized engineering for the topside structure, pressure vessel and piping. Exterran engineers utilize the most advanced hardware and software packages to create the fabrication drawings.

Our Quality group is staffed with inspectors who hold the CSWIP 3.2 / CSWIP 3.1, NACE Certification and ASNT/PCN RI Level II standards. We also hold all required quality certificates:
- ISO 9001 ASME U Stamp
- ISO 14001 ASME U2 Stamp
- OSHA 18001 ASME S Stamp

Exterran has experience performing all types of complex fabrication and assembly. With specialized groups for Project Management, Engineering, Quality, Production and Supply Chain, Exterran is structured to optimize project workflows, efficiencies and delivery times.
Exterran provides the parts and services needed to help minimize downtime and maximize the life of your equipment. We supply new, used, remanufactured, OEM and aftermarket parts, and the equipment and services needed for the maintenance, repair, recondition and overhaul of most brands of equipment, including natural gas compressors*, production, processing equipment and industrial engines. Our highly experienced parts technicians are experts in international logistics and trade controls, including import and export compliance. Exterran operates technologically advanced, full-service mechanical and machine shops that can repair, overhaul and remanufacture a wide range of components for production equipment systems. Our shops also provide repair and fabrication services for piping and vessels of all types and sizes. We have shops strategically located around the world to provide expert, efficient service solutions. Our experienced, factory-trained technicians arrive on-site, ready to provide fast and thorough service on many brands of equipment. We have certified CAT technicians to help maximize uptime and support. Exterran was named a platinum participant in GE’s Gas Compression Power Packager Program. This means we can provide customers with faster access to genuine Waukesha factory parts and expert-trained technicians.

Exterran supports our customers with a comprehensive array of services, including:
- Installation, commissioning and start-up
- Complete facility operation
- Spare and replacement parts
- Maintenance services - scheduled, preventive and contract
- Inspections
- System upgrades
- Field machining
- Foundation repair
- Removal, disassembly, reassembly
- Overhaul and remanufacturing
- Mid-cycle and full overhauls
- Responsive emergency repair work
- Engine management
- Emissions testing
- Performance analysis
- Leak detection and repair

OEM Representative For:
- Air-X
- AJAX
- Altronic
- Ariel
- Caterpillar
- Dresser-Rand
- Frick
- GE Gemini
- GE Waukesha
- Ingersoll-Rand
- Kimray
- Murphy

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We’ll Take It From Here

Exterran has the people, equipment, facilities and infrastructure in place to help you succeed.

We provide a combined value of expert engineering, proven facility designs and in-house manufacturing to ASME and API standards. We offer experienced construction management, extensive technical and field service resources, ready inventories of pre-engineered, easily deployed equipment, and parts and services.

We manage everything for you, including complete installation, operations and maintenance, ensuring your production is better managed from the ground up.

With over 60 years of tackling the oilfield’s toughest infrastructure challenges, you can count on our legacy of success.

Find out why more customers choose us, at Exterran.com