

VetcoGray S-Series SVXT™

Shallow-water subsea vertical tree

Based on field-proven technology

The S-Series SVXT™ is our latest vertical tree system, designed to maximize safety and efficiency for jack-up drilling operations.

With 20 years of proven in-field experience around the world, our VetcoGray tree systems are widely considered the industry benchmark for harsh shallow-water environments.

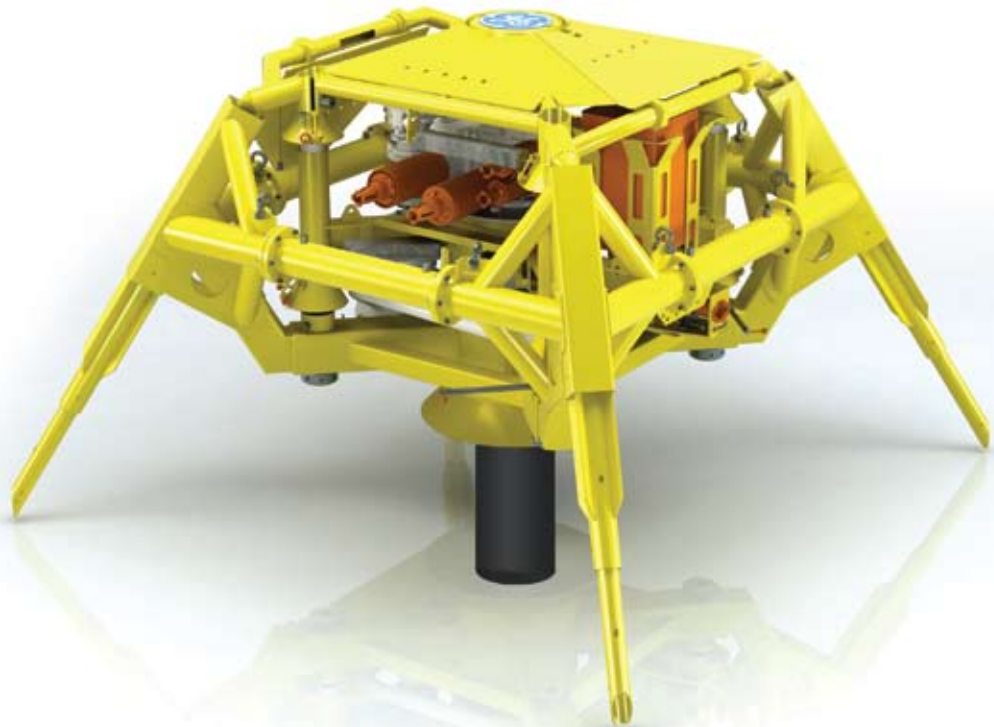
Now, the redesigned S-Series builds on this heritage with the latest GE Oil & Gas technologies, integrated to deliver high performance while lowering installation and operating costs. Its capabilities are unrivalled in the industry today.

New design to meet modern challenges

In-depth understanding of environmental challenges including weather, sub-surface currents, poor visibility, and fishing interaction were all fundamental inputs to the successful SVXT design.

The resulting features include smaller tree and fisher-friendly wellhead protection structures, as well as an innovative barrier philosophy that removes the need for a separate tree cap.

Lowest-cost installation is achieved through a design that enables deployment using standard offshore jack-up drilling rigs with no need for major modifications.



Key features

- Pressure rating: 6,500 psi maximum working pressure
- Temperature range: 0-250° F
- HH trim production and EE trim annulus
- Optional downhole pressure and temperature (DHPT) system, features a unique non-orientating wet-mate connection
- Overall system is 20% lighter than conventional designs
- Increased reliability from new compact actuators (34% lighter than previous design)
- Unique new barrier philosophy eliminates need for separate tree cap – reducing material requirements and installation time
- Installed via workover control system stab plate on tree running tool to eliminate need for ROV or diver removal of traditional J plates
- Running tool shear valve allows the 7 $\frac{5}{8}$ " landing string to be used as a lubricator string and provides a well control barrier during wireline activities
- Fully integrated SemStar5 ModPod provides greater control and reliability than third-party controls

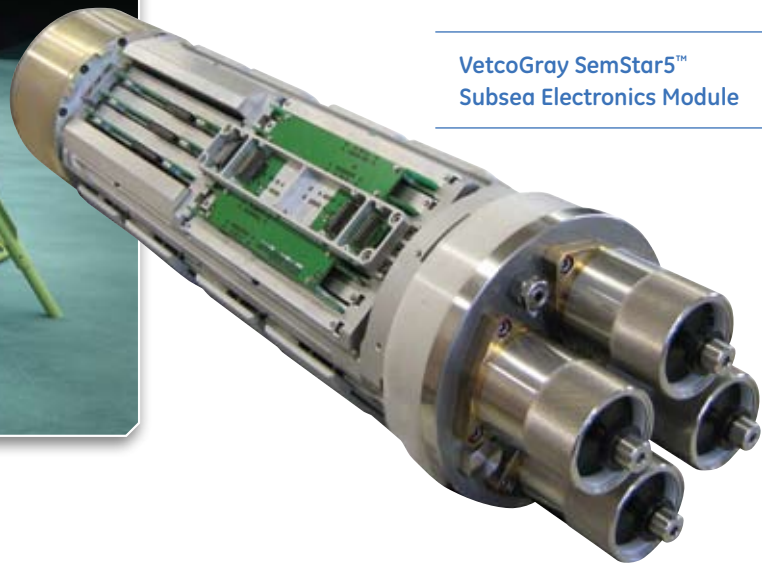
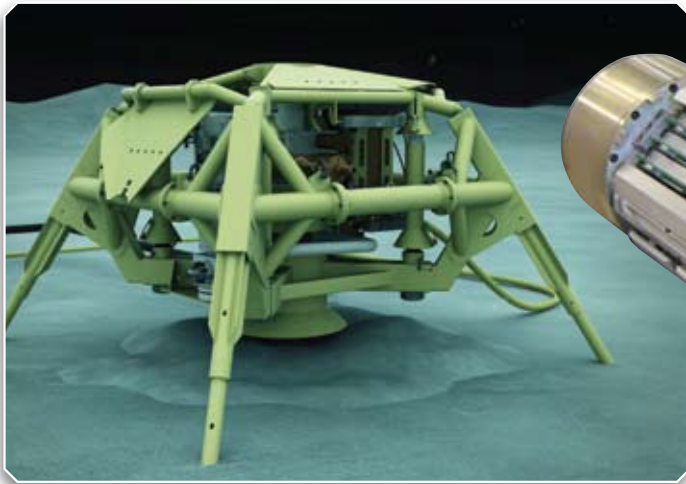
The S-Series SVXT can be safely and easily deployed in any water depth suitable for jack-up drill rig operation.

Smarter tools for simpler installation

GE Oil & Gas Smart Tools improve installation by eliminating the need for diver or remote-vehicle (ROV) assistance. With no more waiting on weather to launch an ROV, or tides to commence diver operations, customers will have much greater control over launch scheduling and logistics. This gives the SVXT significant cost and operational advantages over fixed platform or semi-submersible drilled wells. We also provide Smart Tooling rental packages.

Giving you greater control

The SVXT comes with our award-winning SemStar5 ModPod control system. Our standard analysis package includes flow assurance, reliability, hydraulic, electric, riser, conductor and VIV analysis.



VetcoGray SemStar5™
Subsea Electronics Module



GE imagination at work

ge.com/oilandgas