Flange Management Systems
all over the world; driving safety and reliability.

PRODUCTS
All SPX Bolting Systems products are designed and developed using the latest computer aided technology which ensures we remain at the forefront of product development.
- Torque wrenches
- Pumps
- Tools
- Tensioners
- Nut Splitters
- Hydraulic Spreaders

RENTAL / SERVICES
SPX Bolting Systems offers full service rental capabilities from our Service Centers located strategically around the globe.
- 24/7 support
- Inspect, test and update products on a regular basis
- Non-destructive testing
- Calibration service
- Safety Support

TRAINING
We recognize that training is a vital ingredient to any successful relationship and an initial investment in training will repay itself many times over to the end-user.
- Joint Integrity Training
- IOSH Working Safely
- IOSH Managing Safely
- Manual Handling
- First Aid Training

SOFTWARE
SPX Integrity Software provides world class solutions that offer a systemized and controlled approach to process integrity across the asset lifecycle.
- Adviser, bolt load calculator
- Flange Pro

SPX is a member of:

SPX is an approved training provider for:

Oil & Gas UK
 API
 Engineering Construction Industry Training Board
What's it worth to help prevent a catastrophic event?

- The Deepwater Horizon accident resulted in the loss of eleven lives and the overall cost was several billion dollars.
- The Piper Alpha accident cost the loss of 167 lives and changed the face of the North Sea O&G industry entirely.
- A high consequence event that occurred in a California refinery which resulted when a 4inch 300# gasket failed due to improper tightening. The refinery reported that consequential damages due to production loss, fines, and rework were in excess of $500M*.

(* Source: 2014 AFPM Reliability & Maintenance Conference)

Our Flange Management Systems helps to:

- Mitigate & Avoid high consequence events
- Extend the life of an asset
- Maintain expected performance
- Manage Risk
FLANGEPRO offers flexible systemized and controlled approach to integrity for any critical system that requires extensive governance, effective record keeping, and a program of regular safety inspections, where a major incident would have material, and perhaps effects on life or the environment.
FLANGEPRO provides a fully featured Flange Management System, maximizing the control of the Flange Register, allowing comprehensive and consistent operation of all flange break, make-up and inspection processes for commissioning, operations and turnarounds / shutdown applications.

A completely flexible solution for all integrity activities on all safety critical plants safely and efficiently perform any activity or workflow for any type of asset with IMS, FLANGEPRO can be used in many different fields, project phases and for:

**PRE-BID**

During this stage, the software provides you:

- **Efficiency**
- **Simplicity**
- **Reduced errors**
  - One click access
  - Allows user preferred bolt load calculations
  - Simplifies tool selections
  - Automated process
  - Wider variety of calculation methods

**PRE-WORK**

During this stage, the software provides you:

- **Improved planning**
- **Better resource utilization**
- **Reduced errors**
  - Tooling requirements
  - Personnel certification
  - Enhance scheduling function
  - Reduces preparation time dramatically
  - Tagging system
During this stage, the software helps you:

- Control activity
- Improved productivity
- Reduced errors

- Real time project status
- Dashboard and KPI’s
- Automatic completion of paperwork
- Records and documents repository

During this stage, the software provides you:

- Easy data access to records
- Ensures no loss of data
- Mitigates costly lawsuits

- Auto-generation of paperwork
- Automated sign-off of completion forms
- Historical CSV records
- Create handover documentation
# Product Features

<table>
<thead>
<tr>
<th>Product Features</th>
<th>Personal</th>
<th>Professional</th>
<th>Enterprise</th>
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<tbody>
<tr>
<td><strong>Core Features</strong></td>
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<tr>
<td>Cloud-based service with full resilience</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
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<tr>
<td>Adviser Bolt Load Calculation Tool</td>
<td>Standard</td>
<td>Standard</td>
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<tr>
<td>Flange Management System</td>
<td>Standard</td>
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<tr>
<td>Inspection &amp; Leak Test Planning System</td>
<td>Standard</td>
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<tr>
<td>Configurable Integrity Management Platform</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
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<tr>
<td>All Upgrades / Software Maintenance</td>
<td>Standard</td>
<td>Standard</td>
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<td>Easy Data Out Policy</td>
<td>Standard</td>
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<tr>
<td>Annual Software Training &amp; Integrity Awareness</td>
<td>Standard</td>
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<td>Standard</td>
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<tr>
<td>Priority Access to Technical Assurance Centre</td>
<td>Limited</td>
<td>Standard</td>
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<tr>
<td><strong>Collaboration</strong></td>
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<tr>
<td>Multi-user collaboration</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
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<tr>
<td>Offline / Desktop Application</td>
<td></td>
<td>Standard</td>
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<tr>
<td>Hardware Integrity Kit Rental</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
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<tr>
<td>Floating License Option</td>
<td></td>
<td></td>
<td>Optional</td>
</tr>
<tr>
<td>Named Users to Floating License Max Ratio</td>
<td>1:1</td>
<td>1:2</td>
<td></td>
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<tr>
<td>Back to Back License Option</td>
<td></td>
<td></td>
<td>1:1</td>
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<tr>
<td><strong>Feature Packs</strong></td>
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<tr>
<td>TAR - Project Management Module</td>
<td>Optional</td>
<td>Standard</td>
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<tr>
<td>TAG - Tag production and workflow system</td>
<td>Optional</td>
<td>Standard</td>
<td></td>
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<tr>
<td>MARKUP - Document Markup System</td>
<td>Optional</td>
<td>Standard</td>
<td></td>
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<tr>
<td>LINKSYNC - Integration Middleware</td>
<td>Optional</td>
<td>Standard</td>
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Due to ongoing development work the product features may change.
Based in Charlotte, North Carolina, SPX is a Fortune 500, multi-industry manufacturing company with operations in more than 35 markets worldwide, approximately $5 billion in annual revenue and more than 14,000 employees.

SPX’s innovative, world-class products and highly-engineered solutions are helping to meet the needs of a constantly developing world and growing global population. You’ll find our innovative solutions in everything from dairy plants and power plants to oil and gas pipelines, the power grid and bus fare collection systems. SPX is really everywhere you look. We help our customers around the globe expand and enhance their food and beverage, power and energy and industrial production processes. For example, our processing technologies improve the taste of many of the foods you like to eat, such as yogurt, ketchup and sports drinks. We also manufacture transformers that bring electricity to your home and our cooling towers cool nearly every type of power plant, as well as very large buildings, including the new One World Trade Center in New York City. We manufacture pumps, valves and other fluid handling devices designed to improve food and beverage production and facilitate oil and gas processing, and very large dryers for chemical processing, as well as pharmaceutical and personal care items.

**POWER AND ENERGY**
SPX helps meet the demand for increased power generation from multiple sources with quality systems and components.

**FOOD AND BEVERAGE**
SPX provides durable components and solutions to improve process efficiency, reduce waste and more.

**INDUSTRIAL**
SPX can help companies efficiently transform raw materials into the building blocks of modern society.

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**Power Team**
For over 85 years, Power Team high-force tools and equipment are used wherever strong, concentrated force is required.

**Stone**
With over 40 years of hydraulic expertise, Stone provides a wide range of high quality AC and DC Power Units for a variety of markets.

**Rail Systems**
Manufactured in the U.K., SPX Rail Systems provides point operating equipment through the Clamplock brand, as well as level crossing barriers.

**Globe**
Globe heavy duty radial piston air motors feature exceptional range of control valve and output options for a variety of applications.

Further details please visit:

spxboltingsystems.com