



# Case Study

## Technology

## Building a strategic roadmap for the integration of remote condition monitoring

### Business Challenge

A leading, global power and automation technology provider that operates in 100 countries, across four key regions: Europe, the Americas, Asia, Middle East and Africa (MEA), sought to understand the condition monitoring patent landscape. The client wanted to focus on the marine equipment domain, and identify diverse methods to enable remote troubleshooting.

### Solution

Netscribes focused specifically on patent search-based methodologies to capture the most relevant patents from global databases. A comprehensive taxonomy was built, based on detailed screening levels and in-depth categorization of the relevant patent references. Netscribes' insights based on the patent data set analyzed, indicated the core tech trends in the space.

### Approach

Netscribes implemented a step-by-step approach for the study:

- **Hierarchical Search** - Netscribes proposed a hierarchical keyword, class and assignee-based building of patent search methodologies to derive the most relevant patents from global databases across the US, EU and WIPO geographies.
- **Screening** - Netscribes' development of the comprehensive taxonomy involved three levels of patent screening. The first one shortlisted the relevant patents based on the title/abstract/claims of the references. The shortlisted patents were further screened at the second level, based on their descriptions. This helped identify highly relevant references.

- **Categorization** - The Netscribes team further developed an in-depth categorization of highly relevant patent references, using in-house tools and manual tagging.
- **Insights Delivery** - Netscribes delivered comprehensive insights using engaging graphs and charts that highlighted the key bibliographic and technology trends, based on the analyzed patent data set.

## Snapshot of the Results

- Netscribes built a taxonomy that identified four main focus areas; monitoring, maintenance, diagnostics and communication. Netscribes detailed the relevant systems and technologies within each type.
- We comprehensively analyzed assignee patent citation trends and identified the top company citation frequency trends, among others.
- These reports offered key insights based on the patent life status and assignee share. This included the relevant percentages of active, inactive, pending patents of each of the top assignees.

## Benefit

Netscribes' comprehensive research findings helped the client understand the key areas and geographies with the maximum patent activities, along with the technology attractiveness and the median age of the patents. Netscribes' study provided a 360-degree view of cutting-edge industry trends in the current landscape and pointed out potential whitespaces and competitor activity. This helped the client understand the condition monitoring patent landscape and build an appropriate strategic business plan.

*Uncover the potential of emerging technologies with in-depth technology research and insights*

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