



# New Zealand Steel Ltd., New Zealand

## Key Facts

**Company:** New Zealand Steel Ltd., a BlueScope subsidiary

**Website:** [www.nzsteel.co.nz](http://www.nzsteel.co.nz)

**Industry:** Construction, Manufacturing, Agriculture

### Products Used:

- SmartPlant® Foundation

## New Zealand Steel Updates System with SmartPlant® Foundation

**With production demands increasing, New Zealand Steel Ltd. updates information management system with Hexagon's SmartPlant® Foundation**

### The Challenge

BlueScope Steel is the leading steel company in Australia and New Zealand, supplying a large percentage of flat steel products sold in these markets. New Zealand Steel Ltd., a BlueScope subsidiary, is New Zealand's sole producer of flat rolled steel products for the building, construction, manufacturing and agricultural industries.

The company uses locally sourced ironsand to produce around 650,000 tons of steel a year. Some 60 percent of the company's steel output is exported – a good example of how an industry can successfully adapt to take advantage of a natural resource that is unlike any other in the world.

With that scope of work facing it, the engineering design team at BlueScope Steel needed to move from a CAD environment to a data-centric setting.

### The Solution

Andrew Beer – Senior CAD Systems Engineer at New Zealand Steel – and his team now use SmartPlant® Foundation, which creates and manages a digital representation of the plant and all its activities throughout its lifecycle.

The system is locally supported by Hexagon PPM partner Matrix Applied Computing, which has developed a browser-access, web-based front end that enables users anywhere on New Zealand Steel's site to find, view and print engineering drawings.

The decision to move to SmartPlant Foundation was prompted by the release of a new version of New Zealand Steel's existing CAD software, which made it impossible for the company to read its own "as-builts." Beer realized his team would need to adopt a longer-term approach to the creation and management of its engineering data.

**“ We knew that moving to SmartPlant Foundation would mean a bigger annual maintenance bill, but as it is the backbone for a number of related engineering design products, the overall package is attractive.”**

**Andrew Beer**  
Senior CAD Systems Engineer  
New Zealand Steel



## About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.