

Pixel Factory Neo™

Taking Earth Observation
Data Processing to
the Next Level



With **Pixel Factory™** and **Street Factory™**

Airbus Defence and Space develops state-of-the-art industrial geo-production systems designed to produce a wide range of cartographic end products of unparalleled quality.

Following over 30 years of evolution, the new **Pixel Factory Neo™** will continue to provide a large range of products with high accuracy and productivity, while integrating the most recent developments of Street Factory™ and Pixel Factory™. Combining quality, performance and versatility, **Pixel Factory Neo™** will cover the requirements of all organisations and project teams involved in mapping, planning, defence and security as well as disaster management.

Multi-Sensor

By gathering sensors already supported by the previous production systems, Pixel Factory Neo™ will support both radar and optical sensors on any platform including: satellites, manned and unmanned aerial vehicles as well as cars or hand-held devices.

Furthermore, Pixel Factory Neo™ is future proof and ready to incorporate new sensors to ensure continuity in your project delivery requirements.

Multi-Product

Pixel Factory Neo™ is your tool to process all base layer products: DSM, DTM, Ortho images, True Ortho™ Images, Cloud-free mosaics, 3D TIN models.

The system allows the accurate, coherent and rapid processing of any dataset, including multiple layers as well as combining all available data sources.

Key Benefits

High Quality: Highly accurate reference layer in 2D and 3D, with production of seamless country-wide mosaics and 3D city models.

Maximum Flexibility: No limitations in terms of volume and size of data.

Easy-to-use: Intuitive interfaces, centralised production management and remote access.

High Performance

Thanks to its high capacity and intuitive open architecture, Pixel Factory Neo™ will be capable of automatically processing vast volumes of raw Earth Observation data.

With a grid computing-based system, Pixel Factory Neo™ provides unrivalled productivity. The system is adaptable to any enterprise size and productivity requirements. It can be deployed inside a private Cloud, offering the possibility to scale production capacity further.

Flexible interface

Pixel Factory Neo™ is designed to interface with any existing third-party software and tools.

Comprehensive Support

A team of dedicated experts at Airbus Defence and Space supports you through all stages of your project including consultation and software installation to on-site technical support, maintenance and training. A wide range of services are available from the initial set-up to tailored feature development.

