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AI and Cloud capabilities support Syngentaâ??s global crop protection transformation

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The transformation gives Syngenta a common enterprise platform across its Crop Protection business, with the focus now shifting to operational benefits and further digital innovation

syngenta Crop Protection

Syngenta has completed a global enterprise technology overhaul for its Crop Protection business, working with Infosys to migrate multiple enterprise resource planning (ERP) environments onto a unified SAP S/4HANA platform. The implementation is designed to simplify operations across the business, strengthen oversight and provide a more scalable digital foundation for future innovation.

Announced on October 28, the Crop Protection Core (CP Core) programme supports more than 10,000 employees across 80 countries. The initiative consolidates key business processes and systems into a common digital architecture, spanning research, manufacturing, supply chain, regulatory affairs, finance and commercial functions.

The move addresses a longstanding challenge for multinational businesses: managing complex technology environments built around different systems, processes and local requirements. By bringing multiple ERP platforms together and reducing bespoke customisations in line with SAP best practices, Syngenta aims to establish more consistent ways of working across its global Crop Protection operations.

The unified platform is expected to improve information visibility and coordination across functions, while strengthening governance and operational efficiency. It also gives the company a common technology base on which to develop further digital capabilities.

Building a foundation for AI-led operations

The programme incorporates Infosys Topaz, the company's portfolio of AI-first services and solutions, alongside Infosys Cobalt cloud capabilities. According to Infosys, the implementation has helped modernise business processes, improve data quality and establish a more reliable enterprise data foundation.

Artificial intelligence capabilities have been introduced to automate routine tasks and encourage greater standardisation. The stated approach retains human oversight in decisions requiring business judgement, positioning automation as a means of supporting employees rather than replacing their role in critical processes.

For Syngenta, the significance of the transformation extends beyond replacing legacy enterprise software. A consolidated digital core can help connect information across research, production, regulatory requirements and commercial activities, potentially making it easier for teams in different markets to coordinate operations and respond to changing business needs.

The value of such a platform will ultimately depend on how effectively the company uses it to improve processes, data quality and decision-making across its international operations.

Digital integration across the crop protection value chain

Feroz Sheikh, Syngenta’s chief information and digital officer, said the new platform gives employees a simpler and more dependable way to work while improving collaboration and agility across markets.

He said the transformation had streamlined the company's technology environment and created a foundation for continued innovation, enabling teams to concentrate on developing and delivering solutions for farmers. Sheikh also credited the partnership with Infosys for helping bring the programme to completion.

For Infosys, the project builds on its existing relationship with Syngenta and highlights the role of large-scale enterprise technology programmes in supporting digital transformation across complex manufacturing and agricultural businesses.

Jasmeet Singh, executive vice-president and global head of manufacturing at Infosys, said the implementation reflected the combination of industry expertise, execution capabilities and cloud and AI technologies required for a programme of this scale.

The completed deployment establishes a shared technology platform across Syngenta's global Crop Protection business. The next test will be how effectively the company translates that infrastructure into measurable improvements in operating performance, organisational agility and its ability to serve growers across markets.