InterSystems Works with Australian National Blood Authority to Facilitate Real-Time Blood Information Exchange

InterSystems TrakCare Interfaces With BloodNet to Promote Efficiencies in Blood Stock Supply Chain, Improving Emergency Response Capabilities

SYDNEY, Australia - 26 April, 2016 - InterSystems, a global leader in health information technology, today announced an agreement with the Australian National Blood Authority (NBA) to interface InterSystems TrakCare®, a unified healthcare information system, to the NBA's web-based BloodNet ordering and inventory management system, to automate the ordering and distribution of blood products to TrakCare Lab users.

The NBA is a statutory agency within the Australian Government Health portfolio that manages and coordinates the supply of blood and blood products and services on behalf of the Australian Government and state and territory governments. The NBA operates BloodNet, a web-based system through which approved healthcare providers can order blood and blood products from suppliers such as the Australian Red Cross Blood Service via a laboratory information system (LIS) interfaced to BloodNet. LIS interfaces enable real-time exchange of critical blood stock information, promoting efficiencies in Australia's $1.1 billion annual blood products supply chain and improving emergency response capabilities.

InterSystems will implement the BloodNet interface with TrakCare Lab customers, including the Northern Territory Department of Health, St John of God Health Care, St Vincent's Hospital in Sydney and Melbourne, Launceston Hospital, and others over time. Together, these health services consume around 8% of Australia's blood products.

Interfaced healthcare services also receive information such as phenotype strings, allowing blood products to be electronically matched to patients without manually searching bag labels, according to Peter O'Halloran, Chief Information Officer for the NBA. They can also access executive dashboards and business intelligence services to optimise their inventory levels.

InterSystems will include the BloodNet interface in its TrakCare Lab LIS product as well as its new TrakCare Lab Enterprise laboratory business management system, released in April this year. Under the NBA contract, InterSystems will continue to update the interface to support ongoing BloodNet enhancements.

TrakCare and other LIS BloodNet interfaces over the next two years are expected to realise annual savings of $18.1 million through reduced wastage and expenditure on blood and immunoglobulin products. They also benefit hospital or pathology services - significantly reducing time spent double-keying information and virtually eliminating data transcription errors - with annual savings of $1.85 million in staff time expected.

"With input from the TrakCare interface, we will be rolling out digital dashboards that will provide real-time information about orders and stock levels. They will also highlight short expiry units - for example, a bag with only five hours of shelf life - so they can be used in time," said O'Halloran. "When a blood donor shares that gift of life, we want to ensure it gets used by a

patient rather than getting lost in administrative oversights or inefficiencies."

"InterSystems is proud to be working alongside an innovative organisation like the National Blood Authority," said Simon Gatward, InterSystems Country Manager for Australia and New Zealand. "The BloodNet interface will promote efficiencies within the healthcare system and improved patient outcomes."

About InterSystems
InterSystems is the information engine that powers some of the world's most important applications. In healthcare, finance, government, and other sectors where lives and livelihoods are at stake, InterSystems has been a strategic technology provider since 1978. InterSystems is a privately held company headquartered in Cambridge, Massachusetts (USA), with offices worldwide, and its software products are used daily by millions of people in more than 100 countries. For more information, visit InterSystems.com.au.

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