




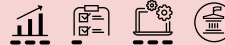







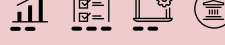
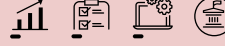


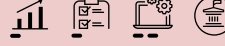





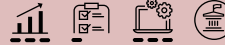
















# Digital Transformation Roadmap

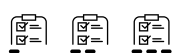
Benefits, readiness, responsibility and digital maturity assessment

	SHORT TERM (6-12 months)	MEDIUM TERM (1-3 years)	LONG TERM (5 years)
 <p>Real-time, relevant data capture, objective analysis and feedback enables risk profiling tailored to establishments, their product target markets, delivering efficient regulation by government and proactive quality management systems by industry</p>	<p>Scope opportunities to interface with industry datasets, sources and systems to meet regulatory requirements and assess data analytics requirements, including capabilities of current analytics platforms used by industry and government</p>  <p>Improve collaborative OPV and plant review of PHIP data from MEDC and reporting formats to meet user needs</p>  <p>Review audit processes to implement the intent of the 6-monthly EMSAP audit across the whole sector, alongside proactive quality management systems and informed by routine PHIP monitoring and point of entry detections.</p>  <p>Scope MEDC to determine requirements and feasibility of upgrade</p> 	<p>Subject to outcome of scoping, improve or replace MEDC to capture additional inspection and verification datasets, automate analysis and reporting for all users, integrate with other systems and incorporate other services such as audit management</p>  <p>Implement data analytics platforms, underpinned by consistent approaches to data sharing, to enable real-time early warning systems on establishment performance for proactive quality management by industry and trends analysis for risk- and performance-based regulation by government</p> 	
 <p>Paper-based and manual processes and outdated technology are replaced for administrative simplicity, operational efficiency</p>	<p>Scope requirements and undertake cost-benefit analysis to determine which paper-based and manual processes are priorities for investment and the associated timelines</p>  <p>Plan fast-tracking of NEXDOC for meat and meat products</p>  <p>Scope and implement sector-wide electronic on-plant data collection of ante-mortem and post-mortem inspection and verification outcomes</p>  <p>Automate Establishment Registration processes</p> 	<p>Launch NEXDOC for meat and meat products</p>  <p>Rebuild MICoR for improved interoperability</p>  <p>Review utility of Approved Arrangements and digitize them if they are required</p>  <p>Automate HACCP, including pre-shipment reviews</p>  <p>Integrate SARA into Quota Management System (QMS)</p>  <p>Automate AEMIS arrangements between government and industry for staffing requirements, invoicing and billing services</p> 	<p>Implement single portal view for processors' engagement with departmental systems</p> 
 <p>Technology reduces handling and human presence, supports food safety and integrity outcomes, enables business continuity and efficiently utilises and reduces labour</p>	<p>Improve the IT connectivity of all establishments across the export processing sector to allow for adoption of transformational technologies</p>  <p>Survey establishments on existing camera technologies and digital platforms to inform digital transformation approaches</p>  <p>Pilot and assess the use of camera and sensory technologies, including for remote ante-mortem inspection, carcass by carcass inspections and audits, to minimize risk during the COVID-19 response, with potential applications in the long-term</p> 	<p>Negotiate equivalence of ante- and post-mortem sensory and camera technology with markets, as required</p>  <p>Implement ante- and post-mortem sensory and camera technology</p> 	
 <p>Processor data and systems are part of an integrated supply chain for continuous improvement and added value</p>	<p>Continue to work with ISC to integrate processors' requirements to streamline whole of supply chain traceability and end-to-end eNVDs</p>  <p>Improve feedback to producers on animal health, yield and meat quality data</p> 	<p>Incentivise the uptake of integrity-related technologies in processing facilities that improve the supply chain performance against national traceability standards</p> 	<p>Work with ISC to implement a paddock to plate digital platform for data exchange for traceability, provenance, raising and processing and value adding claims verification and feedback exchange across the value chain</p> 
 <p>Improved and integrated data and systems with inbuilt analytics enable more proactive and confident market access negotiations and issues resolution</p>	<p>Improve data sharing between industry and the regulator, and where appropriate, importing countries to increase product traceability and feedback where point of entry detections do occur</p> 	<p>Streamline and integrate establishment registration, export permits and certification, quota management, labelling and logistics systems with inbuilt step-by-step verification to accurately and promptly meet market requirements and reduce point of entry handling and eliminate rejections</p>  <p>Advocate for acceptance of e-certificates in all markets</p> 	
 <p>The regulatory framework enables rapid uptake of technology that delivers equivalent outcomes and ensures appropriate data governance to facilitate improved data sharing</p>	<p>Ensure regulations enable a pathway for approval and integration of technology</p>  <p>Develop clear business rules and policies that facilitate the use of technology, including solutions for privacy, information ownership, security and other considerations</p>  <p>Develop data standards for common data fields that enables standardised capture of data and exchange between plant and department systems</p> 		

Benefit (Low - Med - High)



Readiness (Low - Med - High)



Digital Maturity (Ready - Aligned - Transformation)



Responsibility (Government - Industry)

