

AUTOMATION REPAIR

A large industrial robotic arm is shown in a dark, blue-tinted environment. The arm is positioned horizontally, extending from the left side of the frame towards the right. It features a complex assembly of metal joints, gears, and a large cylindrical component at its base. The background is a dark, industrial setting with various pipes and structures visible.

HEADLAND
Machinery Service Support

AUTOMATION REPORT

We can deliver a customised automation solution, with services ranging from conceptual design, analysis and simulation of your application, to practical automation selection and manage integration.

EVALUATION & PLANNING

In this initial stage, we look, listen and understand your existing processes and evaluate the viability to be a better business through the use of automation. We guide you through every step of the way ensuring the right direction is chosen from the very beginning.

PROCESS CONSOLIDATION & OPTIMISATION

This next stage covers the blueprinting and scoping of how an automation solution can realistically increase profitability. Whether it be directly through profits, or via improved process times. We also cover any potential risks associated with this initiative.



Many manual processes can easily be automated in a quick and cost effective way.

RETURN ON INVESTMENT (ROI)

At this stage, our engineers will have a strong indication of how we can help. Newly gathered information is then compared to current processes, hardware and labour costs which will highlight the advantages, or disadvantages your new process and automation system can deliver.

VIRTUAL SIMULATIONS

We won't just tell you automation can work. We'll actually show you. Our virtual simulations will provide you with a graphical representation of proposed concepts and cycle times which is trialed and presented through simulated movies and 3D lay-outs.

HARDWARE RECOMMENDATIONS

With over 30 years combined experience, we have the knowledge to recommend the right hardware technology to fulfil your projects objectives. A detailed report of the required technology is provided and can include plant lay-outs, positioning designs in 3D CAD and safety requirements.

“With the right automation process in place, customers have been able to reallocate resources to other parts of the business”

OUR METHOD

With the advancements in technology over the past five years, the introduction or re-introduction of automation technology can have a profitable impact to your business.



LISTEN

Customer Requirements
Process Expectations
Payback (ROI) Expectations

GATHER

Current Processes
Cycle Times
Project Capabilities

EVALUATE

Methods & Techniques
Virtual Simulations
New Cycle Times

REVIEW

Return on Investment
Process Consolidation
Equipment Needed

DELIVER

Automation Report
Project Scope
Technical Documentation

WHAT YOU GET

FINAL REPORT

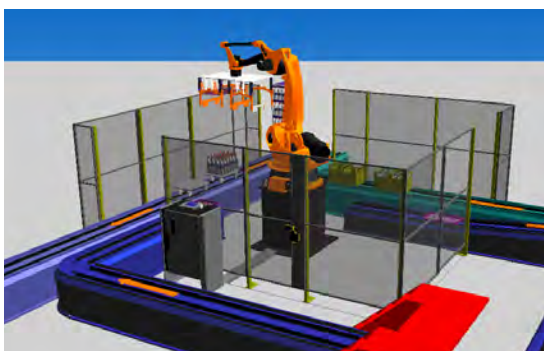
A comprehensive printed and electronic report outlining the viability, execution and hardware needed for the project.

NEEDS ANALYSIS

A close look at the viability and advantages the introduction of new processes and automation can bring your business.

RETURN ON INVESTMENT (ROI) SUMMARY

Comparison between the current processes compared with the new. This will clearly define the process/financial advantages of this new initiative.



Our virtual automation software enables customers to view the end process from the very start.

VIRTUAL SIMULATIONS

Your new processes presented in mediums such as CAD and Virtual Simulations via the interactive KUKA® SimViewer.

RISK EVALUATION

Recommendations on how to manage safety requirements, quality control and increased production capacity.

TENDER MANAGEMENT

We can help manage any tendering processes of large projects on your behalf. This will ensure the project scope is adhered to in every way.

EQUIPMENT RECOMMENDATIONS

We work and are actively involved with the world's leading providers of automation solutions. Both hardware and software based.

INTEGRATOR RECOMMENDATIONS

With a network of over 40 specialised integrators throughout Australia, we can help define the right people for the job.

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