



# Proactive Compliance and Maintenance Efficiency with Integrated Permit To Work

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Elecosoft®





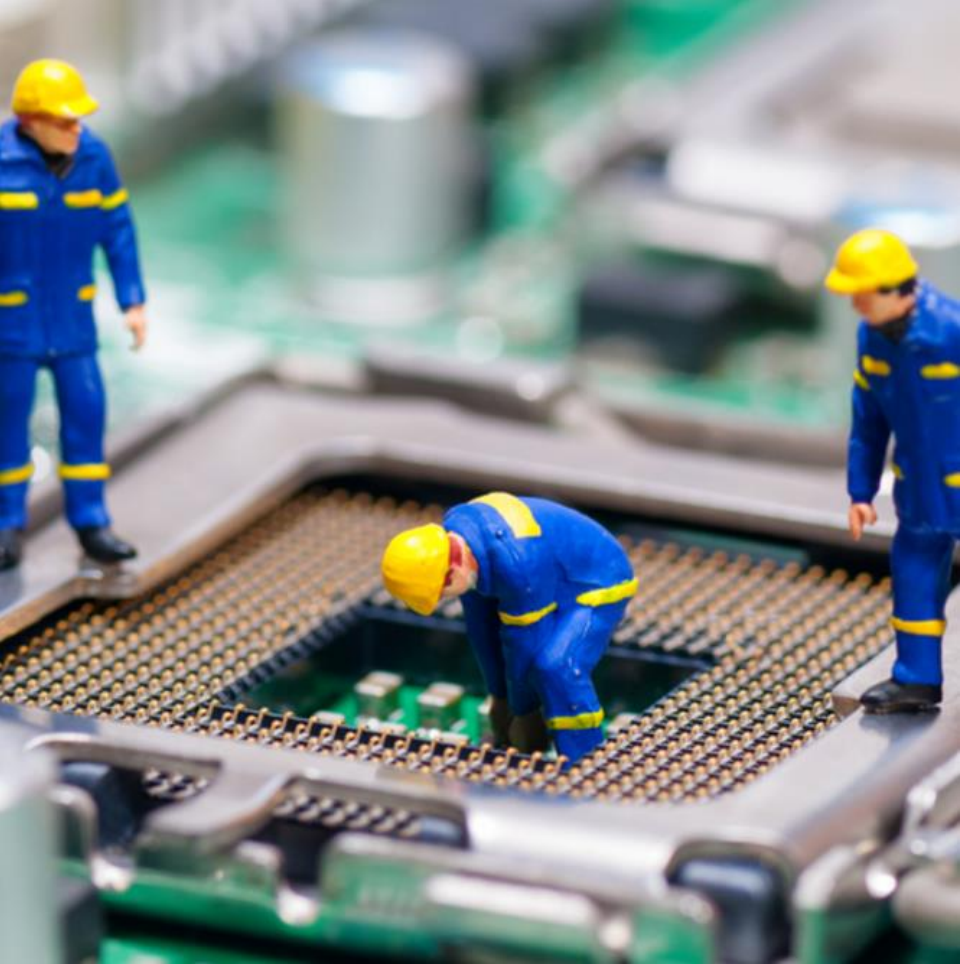
**“My Exec team wants  
to optimise  
compliance and  
workforce health and  
safety while  
improving efficiency”**



## How Can We .....

- Mitigate health and safety risks?
- Comply with regulations in our industry?
- Underpin insurance commitments?
- Optimise our workforce effectiveness?
- Reduce/optimize costs?
- Reduce paperwork (our Green commitments)?
- Leverage our IT learnings and processes?





# Technology Challenges

- Minimising technology burden.
- Not duplicating data.
- Limiting integration challenges.



# People Challenges

Limiting management / admin overheads.

Minimising burden on workforce.

Satisfying H&S and Compliance audits.



# Process Challenges

Reducing manual processes.

Minimising changes to the way we work.

Aligning with new regulations.

# Which Regulations and Standards?

Our own GRC / Audit.

Health & Safety.

Industry regulation.

Insurance.

Legal.

ISO 45001.

BSI vs EU.



# Key Requirements

Assess the risk prior to starting and after completing work.

Determine risks of the areas where assets are located.

Auditable work supervisors/authorising parties.

Designate certified people to conduct the work.

Ensure proper equipment and instructions are in place.

Control the duration of work that is being permitted.

Provide evidence of completed/safe work.





# Options




























More Paperwork.

More Systems.

Next Generation Permit To Work (PTW)  
with CMMS/CAFM.



# Option TCO\* Considerations

	Paper based PTW	Server Based PTW	Next Gen PTW
Investment in IT systems			
Ongoing management of IT systems			
Keeping IT infrastructure current			
Administrative resources			
Ease of use for field-based teams			
Immediately visible risk assessments			
Ability to define your own processes			
Simplicity of adding new PTW updates			
Ability to analyse data			

# Next Generation

Manage assets & their locations.

Schedule work requests and preventative maintenance tasks.

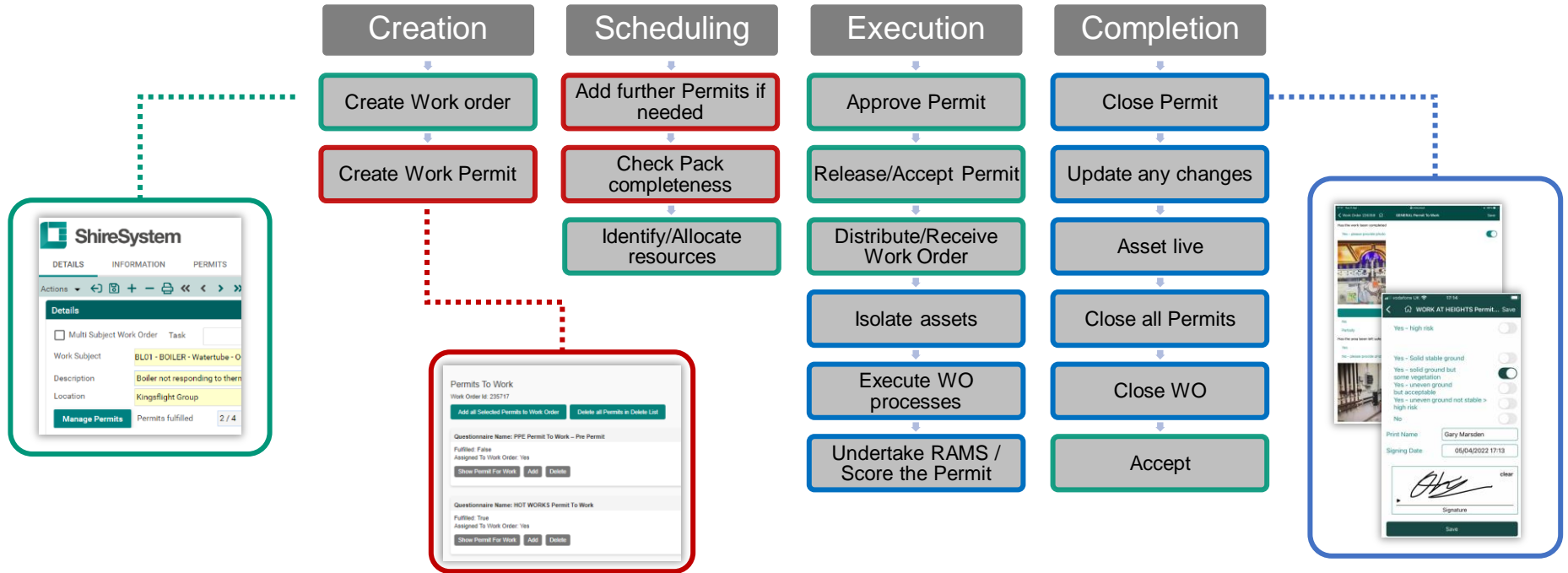
Understand skill and parts availability.

Create & Manage Permits that align with our business.



# ShireSystem

# Next Generation CMMS Workflows





## Sample Risk Analysis

1

A Permit is set with 5 Questions, each has 4 answer options

Questionnaire Name: HOT WORKS Permit To Work

Fulfilled: True  
Assigned To Work Order: Yes

☒ Weighted  
☐ Pre Work Permit

Questions:

Question Text:

Oxygen Enrichment assessed? Low/Med/High risk

☐ Image Answer  
Answer Text:

Weighting:

☐ Image Answer  
Answer Text:

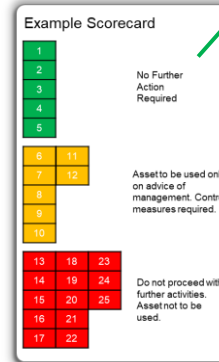
Weighting:

2

Each answer is assigned a weighting, which here is 0, 1, 3 or 5

3

Answers are added up to provide a score



Responses:

+ Response

Delete Response

Min Weighting:

0

Max Weighting:

10

Response Text:

No Further Action Required

☒ Successful Response

Min Weighting:

11

Max Weighting:

20

Response Text:

Asset to be used only on advice of management. Co

☐ Successful Response

Min Weighting:

21

Max Weighting:

50

Response Text:

Do not proceed with further activities. Asset not to be

☐ Successful Response

# Results.....

Green Agenda Supported



Workforce Efficiency Met



Risks Mitigated



Compliance Aligned



Costs Reduced



## ShireSystem

Next Generation CMMS/CAFM



**“My Exec team can  
now be sure that  
business goals  
and objectives are  
supported”**

# Thanks!!

To find out more:

- Join us on **Stand C60**
- Join our Webinar on 30<sup>th</sup> June:

[Digital transformation of Permit to Work](#)



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