



Works Execution Management

The Problems we solve

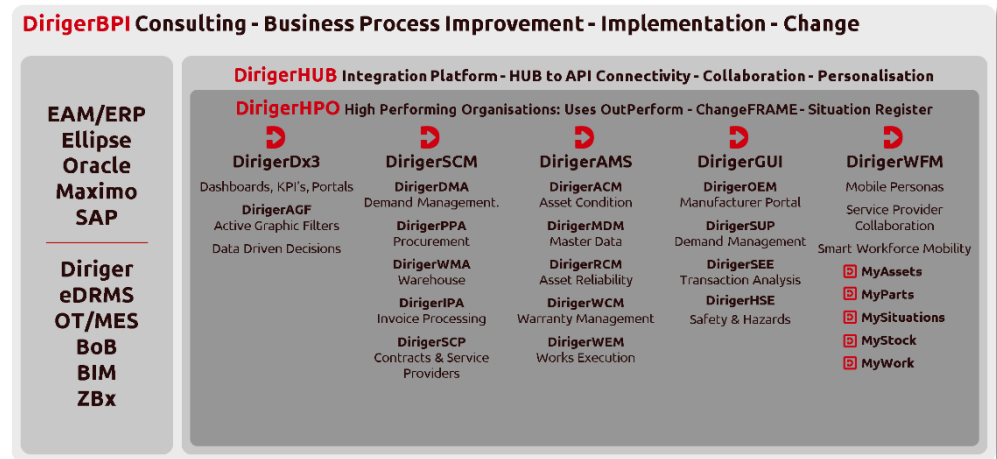
Maintenance Planners, Supervisors and Asset Managers can NOT see the status of work in progress and backlog items for re-scheduling until the end of shift or day

Work Order packs contain too much paperwork that needs to be transposed into digital form in the EAM/CMMS system when completed

No on-the-job online visibility of Asset details, History, Componentry and Parts needed, immediate Defect management, before/after photos, and embedded links to safety data and isolations

Our automation of the Works management processes with the Diriger Business Rules Engine, *Persona-based* usage, data management, and visualisation capabilities, provides a User Experience that when coupled with a *Google-like* search; allows all relevant Work Order information to be sourced at one time at your Desk-top or mobile device

Our Platform



DirigerWEM and MyWork mobile are part of DirigerAMS - Asset Management Suite

What is DirigerWEM and MyWork and their Benefits

DirigerWEM and MyWork Mobile have been designed to completely digitise and automate the business processes that relate to how work is executed within an organisation. *Smart* Persona-based screens accelerate and make available, the digitisation of standard *Feature/Function* and paper-based capabilities available in most ERP systems

The benefits and expected ROI of DirigerWEM and MyWork are

- Reduction in work schedule re-cycle and the need for paper-based packs
- Improves productivity through digitisation; no more transposing data
- Real-Time visibility of all transaction states; % complete and status points
- Reduction in Work Order backlog through better scheduling and routing
- Defects are captured *at source* and photographed for reference

What we do

Firstly, we optimise Customer Business Processes through automation, business *rules engines*, and new capabilities

Then we extend Customer ROI by using Agile Development, Agile Deployment, Agile Adoption, and Persona-based data driven decision making

Our Business Process Improvement (BPI) focus

- Supply Chain Processes
- Asset Management Processes
- People Management Processes
- Financial Management Processes
- Persona-based User Interfaces
- Work Force Mobility
- *Google-like* Searches
- Data Driven Decision Making
- Machine Learning Capabilities
- Predictive Statistics
- Data Validation and Visualisation
- Process Optimisation through enhanced digitisation

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Process Overview and Capability

DirigerWEM and MyWork provides

- Planners work-bench to speed Work Order management (scheduling, actioning, completing, closing, etc)
- Google like search for Planner's and Manager's workbench by Work Order, Location, Asset, Crew, Activity, Maintenance Type, Standard Job
- Multi-Technician execution of geographically dispersed tasks in sequential order e.g. Speeds up isolations and the like
- Embedded link with DirigerHSE for real-time safety and hazard controls (SLAMs, Permits etc)
- On-the-fly Asset and attribute updates (update nameplates and other relevant information in the field)
- Real-time mobility; running a paperless operation; faster, better quality
- UI requires less cognitive load and lower training burden
- Real-time resolution of *On-Hold* or *Suspend* status
- Automated business rules for Work Order close
- Full off-line mode with MyWork

Technology and Innovation with

- Problem solving capability
- Reliable outcomes
- Customer collaboration
- Effective and Ethical approaches

Diriger Action Review Go To Hello, Drew Wolrige (District: 0002)

Work Orders Inactive Filter by standard job Filter by equipment 0002 Search... Clear New Work Order New Conveyor Work Order

ID	Description	WO Type	Maint Type	St Job	Equipment	Raised	Required By
00006279	Agitator failure reported by 800xA	Maintenance	Reactive	000047	R12AGIT	2013/11/18 19:58:23	
00006278	Inspect preheater due to 800xA ala...	Maintenance	Reactive	000038	PH1112	2013/11/18 19:57:38	
00006273	Mobile Inspection Bundled Pole, (M...	Maintenance	Preventative	K1J101	S517271 P...	2013/09/27 03:13:17	
00006272	Mobile Inspection Bundled Pole, (M...	Maintenance	Preventative	K1J102	S517271 P...	2013/09/27 03:06:34	
00006271	Mobile Inspection Bundled Pole, (M...	Maintenance	Preventative	K1J101	S517271 P...	2013/09/27 03:04:59	
00006269	Obsolete Materials from the Wareh...	Maintenance	Corrective			2013/08/23 21:33:21	
AA44	install engine to truck	Maintenance	Corrective		9SZ43168	2012/12/12 22:41:32	
AA43	install transmission to truck	Maintenance	Corrective		AL135005	2012/12/12 22:39:00	
AA41	install transmission to truck	Maintenance	Corrective		AL135002	2012/12/12 22:35:08	
AA39	Install Transmission to truck	Maintenance	Corrective		AL135001	2012/12/12 22:29:18	
00006268	REPLACE FEEDWATER DRIVE M...	Maintenance	Reactive	MOTORF	DWP300	2012/09/13 12:25:16	2012/09/15 12:25:16
00006264	Leaking seal	Maintenance	Reactive		DWP300	2012/01/17 22:06:45	
00006263	Leaking seal	Maintenance	Reactive		DWP300	2012/01/16 00:45:13	
00006260	250 CYCLE OVERHAUL	Maintenance	Preventative			2011/03/10 10:49:33	2011/03/12 10:49:33
00006259	YEARLY INSPECTION	Maintenance	Preventative			2011/02/11 14:02:52	2011/02/13 14:02:52
00006257	Road Inspection	Maintenance	Preventative	NCCRI	GYMP01	2010/07/22 14:49:35	2010/10/20 14:49:35

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Realtime Work Order Status updates



The image shows a stack of mobile application screens. The top screen displays a 'Home' page with navigation options: Home, My Tasks, and Log. Below this, there are several 'My Tasks' screens showing a list of tasks with details like 'Status', 'Assigned To', 'Planned Start Date', and 'Required By Date'. One task is highlighted: 'REPLACE FEEDWATER DRIVE' with ID '00006267/030'. Another screen shows a 'Parent Equipment' detail for 'LSS17271 - Location (Kal...)' and an 'Equipment' detail for 'SS17271 PWOOD - POLE SS1'. The bottom-most screen shows a user profile for 'Hello, Drew Wolrige' with a summary: 'You have 3 OPEN TASKS 17 TASKS IN TOTAL'. The bottom right corner of the stack indicates 'Offline data updated on 2018/05/14 09:48:44'.

Example Work Order Management and MyWork mobile

Diriger Borrowed from Latin *dīrigō*, *dīrigere* ('to direct'), simplified into a first conjugation French verb