

5 Benefits of interfacing workforce and asset management data with enterprise solutions, from Dynama

LONDON, UK, March 22, 2018 /EINPresswire.com/ -- According to Andrew Carwardine, Managing Director at [Dynama](#), bringing together critical information systems and processes is still a major challenge but now is the time to take a fresh approach. Here he argues the case for system interfacing instead of integration

The effective management of people and resources is the first step to running an efficient organization and it all comes down to accessing the right information, at the right time and at the right cost. Simple, right? Well, it's actually more complicated than you might think, especially in complex, highly regulated industries that often operate in dangerous conditions.

A common set of challenges

The first step is to understand that you are not alone. Organizations everywhere share a common set of challenges when it comes to bringing together information systems and processes. Let's take a closer look:

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Organizations share common challenges bringing together information systems and processes. An alternative to traditional integration are applications that provide discrete interfacing between systems.”

*Andrew Carwardine,
Managing Director, Dynama*

- It's like herding cats – more often than not, staffing requirements need to be combined with physical assets such as infrastructure or equipment – onshore, offshore and in the sky. To make matters worse, these human and physical resources are often at different locations operating in various time zones where the scope of client projects can change in an instant

- Managing a myriad of systems – by their very nature, complex industries require a multitude of sector-specific applications that go beyond basic enterprise resource planning (ERP) and human resource (HR) applications to

support their business processes. How do you make them all work together?



- How do you know what information to trust? - effective resource scheduling for a multi-skilled, diverse and dispersed workforce requires up-to-date information but with so many systems in place, how do you know the data you have is not duplicated or completely inaccurate?
- Communication – schedules and resource allocations need to be communicated to those involved, and must also cover deployment, travel and other logistical issues before updating payroll and wider HR records
- Barriers to change – advanced approaches to workforce and resource optimization offer the potential to improve service and enhance margins. However, too frequently the hurdle of investing in, deploying and linking old systems with new solutions gets in the way. How do you make seamless information systems collaboration a reality?

Integrated or Interfaced Systems?

An alternative to traditional integration is to find the best available applications that provide discrete system interfacing between associated systems. This offers significant cost savings compared to the traditional methodology of replacing key systems and existing databases with a large ERP application and then trying to offer discrete business units a tailored service via application customisation. An interfacing approach also offers the potential to overlay new applications to derive incremental benefit (for example in advanced resource optimization) without compromising existing applications. Such an approach also massively reduces the cultural barriers to adoption of a large new ERP application.

Five benefits of interfacing workforce and asset management data

The latest workforce deployment technology addresses many of today's information challenges. Critically, it brings together data from various specialist sources and links seamlessly with other enterprise systems such as strategic HR and project management solutions offering a complete view of the interdependencies and costs of people, equipment, activity and sustainability. An incremental low cost approach via cloud-based, automated innovations allows users to derive the following five benefits:

1. Information all in one place - staff and equipment assignment and deployment, qualifications and competencies, travel plans and documentation, regulatory compliance and timeline management, whatever you need, it's all there at the click of a button or by using your mobile device - saving time, effort and money
2. Timely, accurate information - having relevant and critical information all in one place removes duplicated effort and reduces administration time. It also provides a valuable audit trail plus the hard evidence necessary to demonstrate compliance and satisfy legislation and inspection
3. Configurability your way – today's solutions incorporate bespoke interfacing capabilities with many specialist systems used in complex industries – reducing the often fatal cultural barriers to change adoption and efficiency
4. Enhance your talent pool - understand what you have or don't have using systems interfacing. Gain a comprehensive understanding and analysis of existing capabilities; identify skills gaps to support better training, recruitment and career development activities. Keeping your best talent from straying to the competition is especially important in industries where highly skilled staff are in short supply
5. Play with the clever stuff – having access to all the right information, at the right time simplifies, yet contributes strategically to workforce management processes leaving you free to do the clever stuff. It accelerates decision-making and supports future planning by facilitating scenario planning including

budgetary analysis alongside full demand planning and compliance management.

For more information download the latest Dynama White Paper entitled “System Interfacing - The critical need for interfacing across information systems and processes” at www.dynama.global

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