MOBILE RESOURCE SOLUTIONS

Mobilus Pty Ltd
ABN 29 107 885 432

Capability Statement

Company Introduction

Mobilus Pty Ltd is a solutions company specialising in mobile resource solutions. The focus of this company is on delivering complete business and technology solutions to enterprises whose core business processes include interactions with mobile staff and widely distributed or mobile assets. Mobilus is headquartered in Brisbane, Australia.

Professional Services

Mobilus Pty Ltd offers professional services to assist enterprises to justify, plan, and implement enterprise mobility solutions. The Mobilus SmartMobility services methodology ensures that enterprises gain the most effective solution from a business, operational, and functional point of view. The Mobilus SmartMobility services approach consists of the following components:-

1. **Business Benefits Profile**

   This first step builds a profile of the organisation in terms of the suitability and potential business value of a mobile solution for an enterprise. At the same time, an assessment is made of any work already undertaken towards implementing a solution and achieving the expected returns. At the completion of this step, the customer will know whether their business has the potential to benefit from a mobile solution and in what areas these benefits can be realised.

2. **Return on Investment**

   This step builds on the output of the first step by building a quantified Return-On-Investment model for the implementation of a solution in the operational areas identified in Step 1. This is performed using real data obtained from the customer's business together with ROI modelling templates. This assists in prioritising investments so that the initial investment will yield the greatest return to the business.

3. **Impact assessment and change management planning**

   The introduction of a mobile solution into an organisation can bring major changes to the work practices of both field staff and back office staff. In particular, the introduction of mobile technologies and applications into an operational field workforce needs to be planned and executed with appropriate care and attention to ensure success. In this step, plans are put into place for the management of transition and change to new work practices, business processes, and skilling the workforce to use new devices and applications.

4. **Implementation**

   The Mobilus implementation methodology uses an industry-standard approach based around 5 key project stages, as follows:

   Plan⇨Design⇨Build⇨Deploy⇨Support

   This methodology also supports RAD/JAD and iterative development of applications. Rapid application development approaches are utilised so that end-users can have exposure to real applications as early as possible in the project. This is important where applications are being developed for deployment to staff that have little prior knowledge of mobile applications or development. Active QA components ensure a tight linkage from stage to stage and that the outcome is fully aligned with real business and end-user needs.

5. **Training and change management**

   This last step in the SmartMobility approach and is focused on managing the transition to new work practices and business processes for the organisation and its staff. All required training and skills adjustment programs are also delivered at this step. The success of the change management techniques employed here is based on the planning approach and end-user staff involvement undertaken in previous steps.

Solutions

Mobilus can provide customers with complete enterprise mobility solutions covering the following application areas:

- **Mobile applications.** A suite of off-the-shelf mobile applications are available or a custom application can be provided. Rapid application development tools support the customisation of existing applications or the development of new applications. The development environment is based on Microsoft Visual Studio .NET with extensions for mobile applications. Mobile applications are designed to support a specific business process and are targeted at the typical skill levels of field users. Adaptors to a range of leading enterprise applications are also available (e.g. SAP, Peoplesoft, Siebel, JD Edwards). An adaptor development toolkit supports integration with any enterprise IT system.
- **GIS Integration.** Mobile applications can be extended with the addition of intelligent vector maps extracted dynamically from the corporate GIS. This is supported by a server component that is configured to dynamically extract the spatial data for an application and a field component that provides the field user interface to the maps.
- **Job Routing.** Where optimisation of travel distance and time per resource is required, a street-level routing capability can be provided to sequence jobs by optimal travel distance per field worker.
- **Scheduling and Dispatch.** This capability is necessary where it is important to the business to make optimal decisions on the allocation of work to field staff in real time. Scheduling is the process of optimally assigning work to resources based on a range of business parameters and constraints. Dispatch is the process of confirming and implementing the assignment of the work to a field resource. Dispatch can be automatic (supported by scheduling) or manual (no automatic scheduling). Scheduling and dispatch can also be enhanced through the addition of spatial data that provides a visual representation of the status and location of resources and work and supports accurate spatial schedule optimisation. Manually-initiated dispatch can also be performed from the map-based display using a simple drag-and-drop technique.
- **Real Time Tracking and Monitoring.** This capability is important for customers who wish to continuously capture information about staff or assets in real-time from the field. Any required information can be gathered from the field in addition to location and speed information, e.g. temperature in a refrigerated van, door open/closed, etc. A configurable rules engine together with an alarm management module supports field monitoring applications that are easily configured to customer requirements. Alarm monitoring rules can combine spatial data with other information that is either job-related or is obtained from the field. A map-based display supports the intuitive visualisation of real-time information captured from the field.

Mobilus Strategic Partners

Mobilus Pty Ltd has strategic alliances with the following organisations.

Dexterra provides Mobilus Pty Ltd with an enterprise-grade mobile application platform and an off-the-shelf suite of mobile applications built on this platform. Dexterra are the world leaders in enterprise mobility applications based on the Microsoft .NET Framework.

Intergraph is a worldwide market leader in the provision of mapping and GIS technologies and has demonstrated its ability to be an innovator in the application of spatial technologies to providing solutions to mainstream IT problems.

The Microsoft .NET Framework provides Mobilus Pty Ltd with a flexible, robust, and scalable platform for the deployment of mobile applications.

Contacting Mobilus Pty Ltd

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