



Inspection

DATA SHEET

Our Inspection software application is a versatile solution for any company that carries out regular quality assurance inspections. It automates many processes that have previously been paper-based.

This helps to ensure consistently high quality, accurate and reliable results, as all inspectors use the same forms and standards.



The application's benefits include:

- A streamlined inspection process that can be conducted rapidly, using pre-determined standards.
- A completely paperless system that enables you to identify any issues and actions that need to be taken, minimising the risk of manual input errors and eliminating the need for double entries.
- A very fast and responsive application that's also easy to use.

The application

Our Inspection application can be used in many different markets and for a host of quality assurance inspection applications. For example, the items inspected might include:

- Buildings
- Facilities
- Roads
- Pylons
- Vehicles
- Fire extinguishers

Although the application is off-the-shelf, it's also customisable, so that it can meet your individual requirements. As it's modular, you can pick which modules you need for your specific needs. Modules include:

- **Vehicle inspections** – The application leads the operator through checks to ensure that the vehicle is fit for use and will produce a report.
- **Task management** – Our application includes GPS for location and route planning. Co-pilot is used for sat nav and route optimisation. Route and manifest planning are carried out in your own warehouse / stock / third-party systems. The application will schedule the jobs for the inspector, and new jobs can be entered via the system's dashboard or imported from a file.
- **Quality assurance inspections** – The application enables your inspector to choose a specific building, area, room or item to inspect, using pre-defined questions. Two options are available. Firstly, the inspector can either be given a list of pre-determined questions or can scan the asset upon arrival and a list of questions will pop up. Secondly, the inspector can ask an initial set of questions and then based on the responses, further questions can be asked.

The final report will include details of any actions needed. The results can then be transmitted back to the web dashboard, which is accessed via Internet Explorer or

Google Chrome. It's very user-friendly, easy to read and aesthetically pleasing and can be customised with your company's logo and brand colours. It has administrative facilities for setting up and configuring the system and for accessing and viewing the inspection reports.

■ **Customer surveys** – The ePoD application can also be used to obtain feedback from customers.

The platform

Spirit's Inspection application was developed using our flagship software platform, Mobile Connect™. We use modern development technology running on iOS, Windows Embedded, Windows UWP and Android.

Implementation

The application is installed on your handheld terminal. It's device and operating system-agnostic: we can provide versions in Android, iOS and Windows. It can be used on a smartphone or tablet and has a web dashboard and a highly intuitive user interface.

Communication is via Wifi and / or GPRS, depending on the device configuration. We can customise the application so that it works online or offline – so it will still be available if you don't have access to a 4G signal. The handheld application communicates directly with our hosted server rather than your systems. Most operations take place in a 'store-and-

forward' mode to offset connectivity issues, with near-real-time updates being available at the server and dashboard when the devices have a signal.

Integration

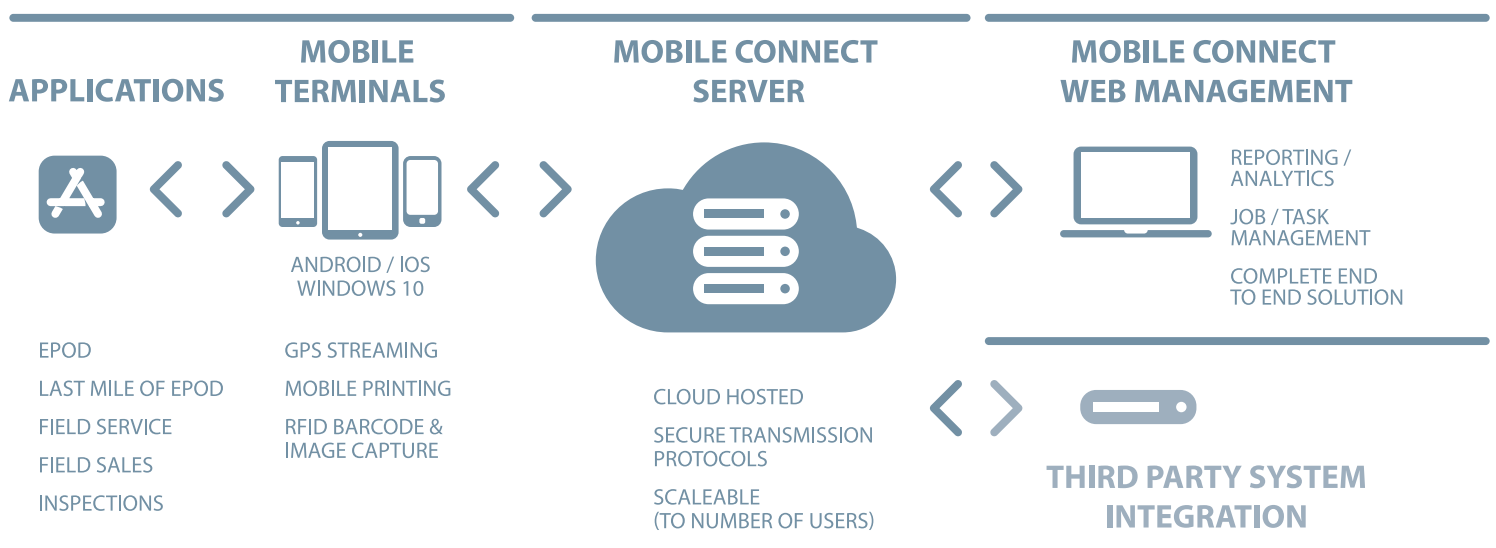
We offer two methods of integration between the host system and Mobile Connect, using developer APIs or web services. Because the Inspection application is modular, we've been able to develop integration modules for most third-party systems, depending on customer needs. We've successfully integrated with systems such as Microsoft Dynamics AX and NAV, Agresso, InspHire, Oracle DB tables, MS SQL DB Tables, Ortec, and numerous other systems via CSV, FTP and web services.

Storage

We'll store, archive and configure your data on secure servers, for retrieval as and when required. The application offers barcode reading, image capture and signature capture capabilities. For customers with a large volume of photo data and needing cost-effective storage, our system will offload photos from the database to cloud-hosted bulk storage.

Support

Our Managed Services team looks after our systems and works with our third-party and customers' IT network teams to establish secure VPN tunnels between the systems as required for integration.



Other key features include:

- **Hosting** – Mobile Connect is hosted in an off-premise third-party UK data centre, using Windows Server stack.
- **Dashboard** – The web dashboard is served by IIS and the back-end database is MS SQL Server. The dashboard can be used to manage users, tasks and locations, and to send messages to the inspector.
- **Branding** – The dashboard and application can be customised with your company's brand, logo and colours.
- **Printing** – You can print from your handheld device straight to a mobile printer (including barcode labels).
- **Reporting** – Any details of the status of the inspection can be confirmed in real time on the system's dashboard and appropriate reports compiled. Photos can also be captured by the handheld device and attached to the reports. The application can produce graphs, tables and printed PDFs as well as customised reports.



Vehicle inspections



Task management



Quality assurance inspections



Customer surveys



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