Make your site inspections more intelligent

Reduce time and cut costs with Unisys intelligent site inspection

Independent of the industry, companies are faced with the challenge of filling open positions and hiring the right talent. At the same time, workloads increase concurrently with compliance and security standards requirements. Hence in the future, the focus must shift to solutions that automate human tasks or make the work more efficient so you can achieve more with less.

Organizations that must perform physical inspections in a compliant and audit-proof manner can benefit greatly by automating manual processes. This can apply to any scenario, from health and safety requirements to production site checks, fire safety, construction site inspections or general facility management.

The site inspection challenge

Organizations that perform site inspections manually invariably use spreadsheet-based checklists. Aggregating and analyzing the data collected in these lists is time-consuming and laden with potential errors.

Organizations are introducing needless complexity, workforce inefficiency and potential inspection inaccuracies by working this way, which costs you time, money and potential regulatory or safety violations. There is a better way.

Unisys intelligent site inspection: an end-to-end workflow solution

With the Unisys Intelligent Site Inspection application, all types of inspection processes can be consolidated in one tool in a highly automated way. Results are stored in an audit-proof records management environment, and the system automatically generates tasks if the inspection reveals issues that need to be addressed (see page 2).

The application consists of three core components:

- Front-end web interface, which serves as the actual presentation layer of the solution

- Back-end records management system, which can be your existing records management system or the default Unisys Records Management solution

- Document generation, which is an optional add-on for automating the generation of documents and can be used by facility management to initiate the resolution of any issues found during the inspection process
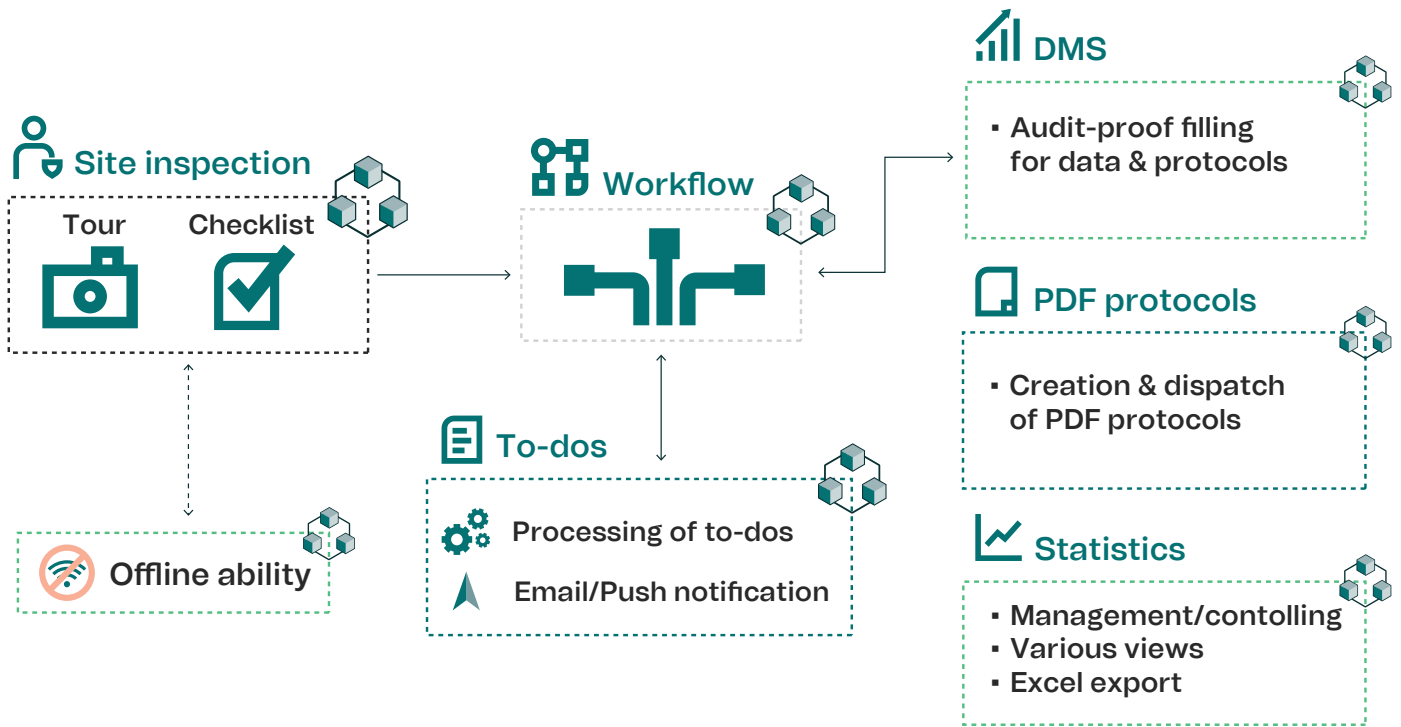
Figure: Unisys Intelligent Site Inspection Automated Workflow

Essential features to streamline site inspections

The Unisys Intelligent Site Inspection application is available on mobile, laptop, and tablet devices. The application's mobile front-end gives you greater flexibility when performing on-site inspections. Further, if you need to perform hands-free inspections, you can do so in combination with an IoT device, such as Google Glass. As a result, your people can be more efficient by streamlining all inspection processes and automating related activities.

You can input data online or offline into inspection templates that you control. If online, you can load the geolocated inspection checklist for the site you are visiting, eliminating the need to search for the correct paperwork and potentially using the wrong list, thus reducing the possibility of errors.

As you add new inspection criteria for your organization, you can easily modify checklists and access them instantly. Audio, photo and video capture capabilities enable inspectors to provide more thorough information. Furthermore, maintenance tasks discovered during the inspection can be assigned to the respective responsible persons via the workflow engine, and deadlines for completion can be set. Management reporting provides an easy-access overview of the performed and open inspections and their respective results and tasks.

Features

- True end-to-end workflow solution for any physical inspections

- All-in-one front-end and back-end solution for audit proofed site inspections

- Flexible device types, including mobile, tablet and desktop

- Integration with IoT glasses for hands-free site inspections

- Mobile app with geolocated checklists for site inspections on the go

- Statistics dashboard with a traffic-light view to quickly indicate the status of an inspection or site

- Workflow-driven follow-up tasks and supplier integration

- Notification of upcoming site inspections

Realize enhanced business value

Performing site inspections manually may never be entirely replaced by automation. But automation of the existing processes can add real value to any organization. Here are a few of the top-line business benefits within reach by doing so:

• Replace paper worksheets with dynamic, geolocation-delivered online inspection lists

• Reduce operator and data transcription errors

• Improve site inspector efficiency

• Ensure greater audit compliance

• Receive more actionable data for business process improvements

Unisys Intelligent Site Inspection ensures your organization has end-to-end visibility and control of the entire inspection process.

Solution capabilities at a glance

Front-end activities	Back-end activities
• Load geolocated inspection checklists • Take pictures with GPS coordinates added • Comment and classify pictures • Attach audio messages and notes • Integrate with IoT glasses to work hands-free • Perform inspections in an online or offline mode	• Use automated back-end processes • Assign tasks internally and externally and track progress • Integrate with other suppliers e.g., to place orders • Receive notifications of upcoming activities and deadlines • Deploy in the cloud or on-premise

To explore how the Unisys Intelligent Site Inspection application can streamline your processes, visit us online or contact us today.

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