



Smart Inspection

Powered by Worker | NxT

A cloud-hosted secure solution for smart inspection

Manage the inspection process end-to-end by configuring independent checklists and workflows for a category of assets. Auto sync the saved offline inspections when going online.

A CLOUD-HOSTED SECURE SOLUTION FOR SMART INSPECTION

<p>Mobile app for field force enablement</p> <ul style="list-style-type: none"> • Supports offline submissions and auto-save functionality • Built-in QR code & scanning feature with inked checklists and additional asset information • Supports images, annotation and comments during inspections • Inspection validation through geofencing • Inspection validation through geofencing 	<p>Inspection Workflow management</p> <ul style="list-style-type: none"> • Customized inspection checklists with the flexibility to add assets, type of assets, and response types on the go • Configure multi level workflows, inspection frequency, escalation mechanism & notifications • Build and manage dynamic user roles and access • Two-way information flow between dispatcher and field force for validation and collaboration 	<p>Dashboards, Reports and Analytics</p> <ul style="list-style-type: none"> • Customizable dashboards for inspection status and field force performance • Third-party work order compliance and inspection reports • Analytics: E.g., Root cause identification, development of permit/clearance systems
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TYPICAL USE CASES FOR IB4U

Ability to perform multiple types of inspections for an asset	Monitor progress of inspections in real-time	Schedule inspections/ notifications for reminders/escalations for due & overdue inspections	Schedule inspections/ notifications for reminders/ escalations for overdue inspections	Ability to configure workflows with multiple stakeholders based on type of inspection
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KEY PLATFORM FEATURES

Define Organization Structure and Branding	Configurability User Experience	Threshold-based Escalations
Build Team Members and Assign Roles		Role-based Access Control
Build Templates using Easy-to-use Drag/Drop Controls		Report Observations & Violations
Define Configurable Workflows with a Powerful Workflow Engine		Perform Asset Registrations & Periodic Inspections
Notifications & Auto-reminders		Visualize Insightful Dashboards

BENEFITS

<p>Visibility & transparency</p>	<p>Real-time notifications for unfit assets</p>	<p>Easy monitoring & control of compliance</p>	<p>Analysis of life of assets</p>	<p>Analysis of inspection trends</p>	<p>Can be augmented with AI models (Image Analytics)</p>	<p>Easy configuration of new asset categories</p>
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IB4U - KEY USAGE STATISTICS

<p>100K+ Inspections/month</p>	<p>1000+ Project implementations</p>	<p>6K+ Active users base</p>	<p>20K+ Assets under inspection</p>	<p>600+ Forms per month</p>
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Success Story

We implemented LTIMindtree's Ib4U solution to support the rig inspection process of one of the largest global drilling services providers for oil and gas companies and delivered a completely digitalized inspection process and end-to-end data flow. This was made possible by integrating with various native systems and delivering benefits that included 65% reduction in effort and 80% reduction in human errors.

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