An intelligent system for contactless screening of people, social distancing monitoring, and contact tracing
Reopening businesses and continuing operations during the COVID-19 outbreak will require EHS, facility management leaders, and CIOs to work together to safeguard their facilities, employees, and visitors from the virus. **Self-screening and Thermal screening** provide the much needed first line of defense to identify people with Elevated Body Temperature (EBT).

However, to combat the COVID-19 situation in workplaces and facilities comprehensively, businesses need a **second line of defense**, which will help enforce **social distancing**, and identify at-risk employees and visitors through **contact tracing**.

*Birlasoft intelliOpen™* uses digital technologies to improve worker **safety** and ensure business **continuity**. intelliOpen empowers organizations to monitor **social distancing** compliance, **trace contacts**, and predict potential **high-risk** areas. Managers are provided with rich insights and analytics for the visibility they need.

Businesses can now instill **confidence** in their employees and customers that they provide the highest order of safety across their operations, from manufacturing plants, warehouses, and corporate or regional facilities, to store fronts and field locations.

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**Self Screening**

Enable employees to perform self-check-in and self-declaration in a touchless manner. Based on their inputs, the system makes recommendations for second level screening (i.e. thermal screening). This self-screening module also integrates with the employee badge system.

**Thermal Screening**

Screen employees, workers and visitors for EBT in real time. Enable secondary screening workflows of EBT individuals. Provide facility-wise dashboards to Health & Safety and compliance officers.

**Social Distancing Compliance**

Implement and administer social distancing compliance with proximity detection technologies, which are easy to carry or wear. Discover hotspot areas and define social distancing workflows in those areas to ensure everyone’s safety.

**Contact Tracing**

In case an employee is found to be COVID-19 positive, identify contacts who came in proximity (configured distance of 5 to 6 feet) of the infected person and the contact duration. Get recommendations for employees, who need to be monitored closely based on their risk profiles generated by our contact tracing application.
### How it works

**Employees / Workers / Visitors**

1. **Thermal Scan**
2. **Facial Recognition / Employee ID scan**
3. **Self Screening App (Touchless / Remote)**
4. **Any Thermal Scanning Camera**
5. **Pass Primary Screening**
6. **Data sent for verification and authentication**
7. **Integration**
8. **People with EBT sent to secondary screening queue**

**Benefits**

**Improved Assurance**
Assure the highest order of safety with features such as contactless screening, employee self-declaration, and integration with systems like Time & Attendance and access control. Get the flexibility to choose hardware (thermal cameras, contact tracing tags, etc.) based on regulations.

**Early Detection**
Improve employee and worker safety. Proactively make contingency plans by analyzing safety metrics and trends discovered over multiple days across multiple facilities.

**Rapid Action**
Send alerts & notifications to key stakeholders in the event of new EBT or quarantine case detection, non-compliance of social distancing, and/or facility hotspot identification. Redirect EBT cases to secondary screening queue. Restrict access of EBT or confirmed cases and support them with timely medical aid and quarantine guidance.

**Stringent Compliance and Vigilance**
Trace those who came in proximity of symptomatic or COVID-19 positive employees during their asymptomatic phase. Generate and maintain regulatory compliance reports related to facilities, etc., by analyzing data gathered over multiple days. Birlasoft intelliOpen™ is HIPAA and GDPR compliant to ensure data privacy and confidentiality.

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**The solution is powered by Microsoft Azure**

<table>
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<tr>
<th>Benefits</th>
<th>Features</th>
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<tbody>
<tr>
<td><strong>Thermal Scan</strong></td>
<td>- Facility / Plant utilization percentage - Enterprise-wide view - Contact Tracing - Number of employees scanned, quarantined, etc.</td>
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<tr>
<td><strong>Facial Recognition / Employee ID scan</strong></td>
<td>- Facility / Plant utilization percentage - Contact Tracing - Facility trends view - Self-Screening report</td>
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<tr>
<td><strong>Self Screening App (Touchless / Remote)</strong></td>
<td>- Temperature variation report - Self declaration on health &amp; recent exposure - Real-time alerts to employee if distance is less than 2M / 6Ft.</td>
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<td><strong>Any Thermal Scanning Camera</strong></td>
<td>- Temperature variation report - Social Distancing non-compliance notification - Employee quarantine notification - Self-Screening report</td>
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<td><strong>Pass Primary Screening</strong></td>
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</table>
Shift focus from reactive measures to control the spread of COVID-19 and disrupted operations, to proactive measures and sustained operations.

Strategic Alliances
As a Gold level, Strategic Cloud Alliance partner for Microsoft, Birlasoft helps organizations accelerate their business transformation with end-to-end cloud services powered with our proven frameworks, accelerators, solutions.

Sign up for a demo by visiting birlasoft.com/intelliopen or write to us at digital@birlasoft.com

intelliOPEN™ OPEN YOUR BUSINESS WITH CONFIDENCE

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