Contact tracing combined with automated analytics, end-to-end case management and real-time collaboration can slow the spread of the virus more effectively.

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**INFOSYS EPIDEMIC SURVEILLANCE SUITE**

*Comprehensive outbreak monitoring platform to strengthen contact tracing and case management*

The **Infosys Epidemic Surveillance Suite** combines all of these capabilities and offers public health agencies a comprehensive monitoring platform to block the rapid spread of the corona viruses in the community and re-open the economy with more confidence.

The platform triangulates data from various sources to provide complete information about COVID cases and contacts in a timely manner and with full traceability. It accurately captures location details of potential exposures enabling contact tracers to investigate cases more efficiently and manage potential outbreak situation more effectively. Designed on privacy-first principles, the platform ensures security of information and complies with all HIPAA requirements.

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**DISCOVER**
- Identify COVID cases through an automated and a confidential data collection process

**DETECT**
- Trace contacts for surveillance, outbreak monitoring and outcome management

**DECIDE**
- Use advanced analytics and intuitive visualizations for faster decision making

**DISSEMINATE**
- Enable interstate and interagency collaboration and information sharing to orchestrate concerted actions

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**SYSTEM OF ENGAGEMENT**
- Generate COVID Awareness

**SYSTEM OF TRANSACTION**
- Contact Tracing and Case Management Engine

**SYSTEM OF INSIGHTS**
- Advanced Data Science and AI-driven Decisioning Engine

**SYSTEM OF COLLABORATION**
- Blockchain-based Information Sharing Engine

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**Digital Human Conversational AI Bot**

**State’s COVID Case and Contact Tracking**

**State’s COVID Response Planning**

**Interstate Collaboration to Mitigate Crisis**

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### Key Features of the Platform

- **End to end automation** of contact tracing and case management workflow
- Extension of the case management system on a mobile app with both **offline and online access**
- **AI driven** COVID symptom checker and severity indexing
- **Automated** notification for COVID test scheduling
- **Advanced analytics** and unified visual intelligence for proactive decision making
- **Blockchain enabled** immutable data exchange and network collaboration
- **Multi-lingual** Digital Human health advisor for citizen engagement and COVID awareness

### Benefits from Using the Platform

- **Increased contact tracing** efficiency and improved productivity for contact tracers
- **Smarter prediction** to proactively manage potential outbreak
- **Privacy first** features with secure access to data without compromising PII, PHI
- **Efficient and faster** data exchange for collaborative and informed decision making
- **Improved constituent experience**
- **Better preparedness** to re-open economy safely

To learn more about Infosys Epidemic Surveillance Suite contact us at askus@infosyspublicservices.com

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