

# ORACLE'S PUBLIC HEALTH INFORMATION NETWORK (PHIN)

## KEY FEATURES

ORACLE'S PUBLIC HEALTH INFORMATION NETWORK INFRASTRUCTURE PROVIDES:

- A Web-based network for exchanging critical health information.
- Integrated Standards-based Data Repository
- Enterprise Integration Engine for data in motion
- Inbound and Outbound Information and Communications support
- IT Security and Infrastructure Protection

*Does your IT infrastructure support the Centers for Disease Control and Prevention (CDC) standards and specifications? Do you want to maximize Bio-Terrorism funding to improve your day-to-day Public Health mandates? Do you need to show concrete progress in your Public Health Preparedness? Oracle's Public Health Information Network (PHIN) can help.*

### What is PHIN?

Oracle's Public Health Information Network (PHIN) is an electronic system that supports monitoring health issues. PHIN is a live, Internet-based network for exchanging comparable critical health information between all levels of public health and other critical information systems. PHIN detects identified health problems, analyzes accumulated data, creates useful information, communicates necessary alerts, and informs appropriate parties.

### Benefits

**Speed and Simplicity in Addressing Complex Requirements** – With multiple options presented in an integrated vision, you have the flexibility to quickly and easily implement the best solution set for your environment.

**Ease of Deployment and Management** – Different infrastructure components have been designed to fit together, making deployment and management easier and less risky.

**Lowers Total Cost of Ownership (TCO)** – The Public Health Information Network platform provides functionality that leverages existing legacy applications and supports new application development.

### Oracle Public Health Information Network Components

Oracle's Public Health Information Network set of offerings provides the infrastructure for integration needs and is built a single common platform. The Infrastructure is a set of offerings to mix and match with existing agency capabilities and includes:

**Integrated Data Repository** – Based on Oracle's flagship product Oracle9i Database, Oracle's Healthcare Transaction Base is a platform for the integration, development, and operation of health data-centric applications.

**Enterprise Integration Engine** – The Oracle Health Data Integration Hub is designed to meet the integration requirements of both public and private sector healthcare agencies, as well as fulfill key healthcare integration requirements such as HL7, HIPAA and NEDSS.

**Health Alert Network/Communication** – Oracle's Collaboration Suite assists

customers in meeting requirement for connectivity among public health departments, healthcare organizations, law enforcement organizations, public officials, and others. Oracle Collaboration Suite offers enterprise-class messaging and collaboration applications that increase productivity and service while reducing total cost of ownership.

**Risk Communication** – Oracle’s Business Flow Accelerator for Plan for Crisis and Emergency Response Communication is a comprehensive implementation service designed to assist organizations seeking a rapid implementation of automated emergency processes.

**Inbound Communications** – The Business Flow Accelerator for Citizen Contact to Resolution is a multi-channel solution providing customer service representatives and field personnel with the information they need to quickly respond to a constituent’s request for help.

**Health Information Dissemination** –The Oracle Portal Accelerator is designed to get you “up -to-speed” in with Oracle Portal (7-10 days) by helping you establish a base corporate portal framework, while mentoring your technical staff in the features and functionality of Oracle Portal.

**Education and Training** – To ensure the delivery of appropriate education and training for preparedness and response to bioterrorism, infectious disease outbreaks, and other public health threats and emergencies, Oracle iLearning provides a cost effective platform for delivering and managing personalized learning.

**IT Security and Infrastructure Protection** – The Oracle database provides a rich set of native security capabilities. These include use of security domains, privileges for discretionary access control, roles, encryption, and auditing.

### Getting Started

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