

## INTEROPERABILITY SERVICES

### HEALTHCARE INFORMATION TECHNOLOGY STANDARDS PANEL (HITSP) SOLUTIONS

**HITSP** is a cooperative partnership between the public and private sectors. The Panel was formed for the purpose of harmonizing and integrating standards that will meet clinical and business needs for sharing information among organizations and systems.

HITSP's Interoperability Specifications (IS), addresses needs in the areas of Electronic Health Records (EHR), biosurveillance, and consumer empowerment.

### HITSP SERVICES

iLink Systems has actively engaged in the HITSP process to understand what the latest recognized IS mean for their customers, enable their products to become compliant with HITSP specifications and to proactively enable their products to support future Interoperability Specifications. These specifications model business, functional, interoperability requirements to meet Use Cases that define business and functional requirements. These specifications also help to identify technical system requirements to meet Use Case definitions.

### HITSP SOLUTION AREAS

Some of our HITSP Interoperability Specifications solutions include:

#### **Electronic Health Record (EHR) Laboratory Results Reporting**

The Electronic Health Records Laboratory Results Reporting Interoperability Specification defines specific standards to support the interoperability between electronic health records and laboratory systems and secure access to laboratory results and interpretations in a patient-centric manner.

#### **Medication Management**

The Medication Management Interoperability Specification defines specific standards to facilitate access to necessary medication and allergy information for consumers, clinicians, pharmacists, health insurance agencies, inpatient and ambulatory care, etc.

#### **Consumer Empowerment**

The Consumer Empowerment and Access to Clinical Information via Networks Interoperability Specification defines specific standards needed to assist patients in making decisions regarding care and healthy lifestyles (i.e., registration information, medication history, lab results, current and previous health conditions, allergies, summaries of healthcare encounters and diagnoses). This Interoperability Specification defines specific standards needed to enable the exchange of such data between patients and their caregivers via networks.

#### **Emergency Responder Electronic Health Record (ER-EHR)**

The Emergency Responder Electronic Health Record Interoperability Specification defines specific standards required to track and provide on-site emergency care professionals, medical examiner/fatality managers and public health practitioners with needed information regarding care, treatment or investigation of emergency incident victims.

#### **Consumer Empowerment and Access to Clinical Information via Media**

The Consumer Empowerment and Access to Clinical Information via Media Interoperability Specification defines specific standards needed to assist patients in making decisions regarding care and healthy lifestyles (i.e., registration information, medication history, lab results, current and previous health conditions, allergies, summaries of healthcare encounters and diagnoses). This Interoperability Specification defines specific standards needed to enable the exchange of such data between patients and their caregivers via physical media or secure email exchange.

#### **Quality**

The Quality Interoperability Specification defines specific standards needed to benefit providers by providing a collection of data for inpatient and ambulatory care and to benefit clinicians by providing real-time or near-real-time feedback regarding quality indicators for specific patients.

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#### **Personalized Healthcare**

The Personalized Healthcare Interoperability Specification describes family history and genetic/genomic lab order and results which are used to provide personalized treatment specific to genetic makeup.

#### **Consultations and Transfers of Care**

The Consultations and Transfers of Care Interoperability Specification describes the information flows, issues and system capabilities that apply to: 1. a provider requesting and a patient receiving a consultation from another provider 2. a provider requesting a transfer of care for a patient and the receiving facility admitting the patient. It is intended to facilitate access to information necessary for consultations and transfers for consulting clinicians, referring clinicians, transferring facilities, receiving facilities and consumers.

#### **Immunizations and Response Management**

The Immunizations and Response Management Interoperability Specification focuses on: 1) providing information about individuals who need to receive specific vaccines, drugs, or other interventions; 2) the ability to report, track, and manage administration of vaccines, drugs, isolation, and quarantine; 3) the ability to identify and electronically exchange information describing the treatment or prophylaxis status of populations; 4) the ability to exchange specific resource and supply chain data from public and private sectors.

#### **Patient – Provider Secure Messaging**

The Patient-Provider Secure Messaging Interoperability Specification describes the information flows, processes, and system capabilities that are required for patients to interact with their healthcare clinicians remotely using common computer technologies readily available in homes and other settings.

#### **Remote Monitoring**

The Remote Monitoring Interoperability Specification addresses the information exchange requirements for the transfer of remote monitoring information from a device physically attached to or used by a patient in a location that is remote to the clinician to an Electronic Health Record (EHR) system and/or a Personal Health Record system.

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