

Who We Are



FY2012-2013 Information Systems Advisory Committee Priorities

- *Practice Management (Revenue Generation, Cost Avoidance, ICD-10)*
- *Interoperability and Health Information Exchange*
- *Electronic Health Record*
- *Infrastructure and Architecture*
- *Clinical Decision Support*
- *Meaningful Use*
- *Workforce Development*
- *Telemedicine Coordination*
- *Tribal Shares Calculation*
- *Data Quality and Accuracy*
- *IHS Master Patient Index*
- *Administrative Management Tools*
- *Bandwidth*
- *Security and Regulatory Compliance*
- *Innovation of Technical and Business Practices*
- *Patient Communication*
- *Environmental Health*

Information Systems Advisory Committee

The Information Systems Advisory Committee (ISAC) is chartered by the IHS to help guide the development of a co-owned Indian health information infrastructure and information system.

RPMS

The IHS Resource and Patient Management System (RPMS) has served for over 25 years as the health information system for all Federal and most Tribal and Urban facilities. It supports the entire process from patient registration through the billing cycle. RPMS:

- Includes a fully capable Electronic Health Record (EHR)
- Supports a broad range of clinical and business processes at IHS, Tribal, and Urban (I/T/U) healthcare facilities
- Evolves to meet customer requirements
- Supports clinical, public and population health, and administrative programs

IOAT

The Infrastructure, Office Automation, and Telecommunications (IOAT) investment is the essential backbone of the organization's IT structure and supports virtually every aspect of the Agency's data storage and exchange requirements. IOAT provides:

- Network services that connect all participating I/T/U facilities
- Authentication services management on the IHS network
- Web services (including Web applications)
- Help Desk and user assistance

NPIRS

The National Patient Information Reporting System (NPIRS) hosts the IHS National Data Warehouse (NDW). NDW is the national enterprise-level database that is custom-designed to meet the unique administrative and clinical needs of IHS management and Tribal health program customers. NPIRS:

- Provides a broad range of retrospective clinical and administrative information to assist managers and clinicians at all levels of the Indian health system
- Enables IHS management to furnish legislatively required reports to the Administration and Congress

TELEHEALTH

Telehealth tools bring state-of-the-art technology to remote locations to reduce barriers between communities and healthcare providers. Telehealth activities range from direct clinical service to infrastructure development to business planning, and include:

- Providing multiple improvements in clinical service across Indian health through Telehealth specialty consultation (e.g. behavioral health, pediatrics, rheumatology, and others)
- Enabling improved emergency care and referral decisions for patients who experience trauma and other serious conditions
- Expanding capabilities for quality health care delivery and improved access to care, education, and training

INFORMATION SECURITY

Information Security is designed to reduce the risks to IHS IT operations while ensuring the Agency's ability to do business and serve the

American Indian and Alaska Native People. The IHS Information Security Program provides:

- Direction for the integration of information security across IHS
- Maintenance of an information security program to protect information collected or maintained by or on behalf of the IHS whether by the IHS or by a contractor or other organization
- Safeguards to protect the confidentiality, integrity, and availability of patient health and other critical information

CPIC

Capital Planning and Investment Control (CPIC) is a structured approach to managing IT investments. CPIC ensures that IT investments align with the IHS mission, strategic goals, and objectives; and support business needs while minimizing risks and maximizing returns throughout the investment's life cycle. CPIC:

- Improves business processes by making information widely available
- Reduces the cost of providing essential Government services
- Facilitates provider productivity through improved acquisition of technology

ENTERPRISE ARCHITECTURE

The Enterprise Architecture (EA) program ensures alignment of IT resources with IHS enterprise business needs to assist in the execution of the IHS core mission. EA is focused on:

- IHS Business needs and technology alignment
- Standardization, business processes, and return on investment
- Strategic planning and other key planning activities
- Collaboration and communications to increase IHS awareness of the IT role in meeting the business needs

