

Unlikely Bedfellows

Innovation and Data meet Privacy & Access

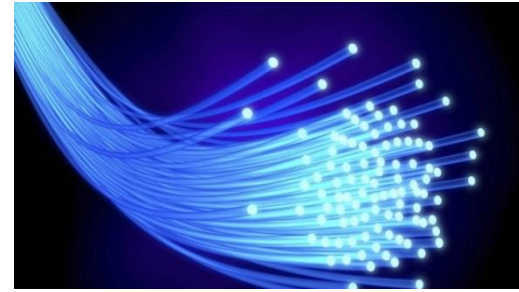


Privacy & Access
Innovation & Data

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NS Department of Health

Changing Times



Connecting
Collecting
Storing
Using



Resulting in

A somewhat un-Cozy Relationship with the essential need for balance



Innovation /
Data Collection

Privacy / Access

Delivery
Relationships

Legislation

Technological
Advancements

Trust /
Reputation

Advanced
Analytics

Appropriate
Access



Innovation & Technology Influences

- Infrastructure (in-house, cloud, hybrid, parameter security, mobile)
- Access (wherever, whenever, expanded user base (patient, provider, planning & management, researcher))

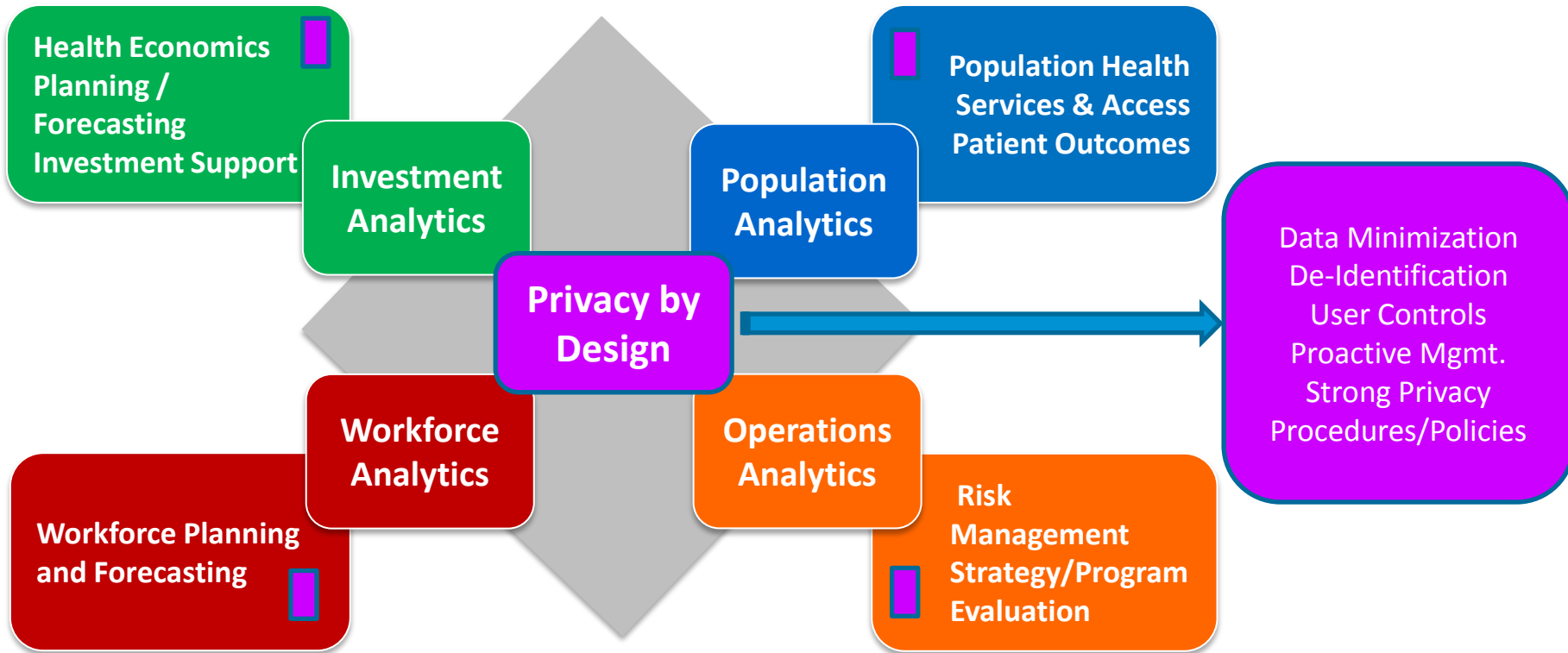


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Health Care Digital Data Needs now and into the future



Evidence Based Decisions

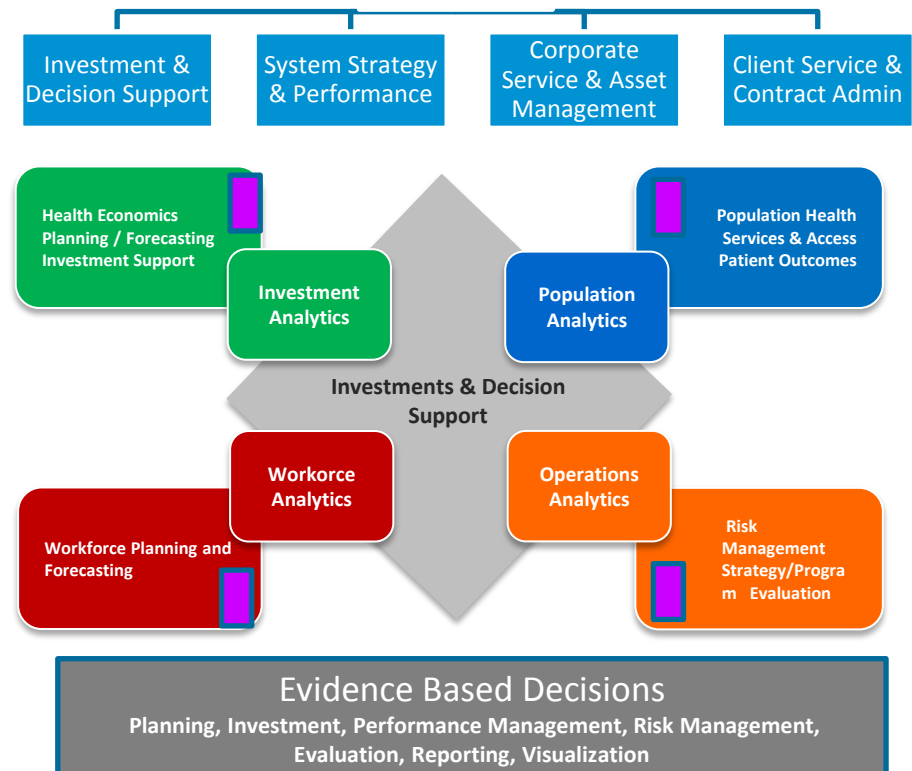
Planning, Investment, Performance Management, Risk Management, Evaluation, Reporting, Visualization

Privacy by Design

Data Minimization
De-Identification
User Controls
Proactive Mgmt.
Strong Privacy
Procedures/Policies

- **Data Minimization** – understand need and linkage, work with others to create a ‘safe’ data environment for P&M
- **De-Identification** – review, tools, etc.
- **User Controls** – create a Data User Access Matrix
- **Strengthen Privacy Policies/Procedures** – PIAs, Breach Mgmt., ROI, RUA, Reviews, Proactive Audit

Privacy & Access



Changing Practices

- Assessment and approvals of contracts
- Risk Analysis
- Access structure and approvals
- Internal Processes



Some Innovation Examples

- **Clinical Record Access to Patients**

Most significant Challenge

- Governance
- Understanding the impact

Mitigation

- Contract Additions / Vendor Obligations
- Advanced Due Diligence Requirement
 - Targeted Privacy and Access Review



Shared Delivery System

Most significant Challenge

- Contract
- Trust / Relationship Building

Mitigation

- Enhanced Due Diligence
- Extended Contract Review Process – Document Sharing/Review

Some Privacy & Access Examples

- **Data Release for Research and Planning and Management**

Most significant Challenge

- Efficiency of process

Mitigation

- Review and revision of existing process
- Introduction of pre-Approved access
- Clear communication of access rights and obligation



Pre-Hospital Notification

iPADs in Emergency

Surgical After Care

Video Recording of Information in the Emerg Dept.

Most significant Challenge

- Data ownership
- Administrative / System Configuration

Mitigation

- Clear governance
- Development through consensus



Thank you for your Time QUESTIONS?

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"Looks like our cloud security detected someone accessing patient information with an unapproved device."