



Navigating New Technologies: The Future Needs of Public Health Systems

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Proprietary and Confidential



The IIS of the Past, Present, and Future



**Connected
Intelligence**



**Predictive
Insights**



**Improved
Outcomes**

Demis Hassabis

- CEO of Google DeepMind
- Leader of AlphaGo and AlphaFold
- Interview: **"If knowledge work is handled by AI, what does that leave for humans?"**



Technology Trends

- **Rapid Software Development:** Onset of AI tooling has dramatically reduced the time to build
- **API-first solutions:** Data connections between systems is increasingly important for AI-assisted development workflows
- **Flexibility and Configurability Win:** Tools that allow users to customize workflows to their needs are winning and will continue to win





AI Investment and Adoption



AI Coding and Deployment



AI Automation

Industry Trends

- **Federal Policy Guidance:** Guidelines and strategy related to AI adoption in Public Health is still in its infancy, with CDC releasing its first milestones back in April – expect rapid buildout in near future
- **States are Navigating Ambiguity:** Without comprehensive Federal guidance, States are left to create their own policies that will need to adapt as new guidance is published
- **How to Fund Adoption:** Misalignment caused by directive to adopt AI tools without funding sources



Implications of these trends:

- Artificial Intelligence as a utility
- Differentiation on **Data Quality, Data Access, and Insights**
- Differentiation on **INPUTS** to building software

How Public Health can respond:

- Focus less on features, more on insights
- Demand to be part of the development process
- Look for proof points to signal trustworthiness

STChealth Product Approach

Ensuring what we deliver is not only modern, but also practical, usable, and aligned to real-world operations.



Continuous Discovery

Staying closely connected to jurisdictions and users to understand evolving needs



Design Testing

Validating workflows and experiences early to ensure we're solving the right problems effectively



Iterative Improvement

Designed to evolve continuously, with ongoing enhancements to usability, performance, and interoperability.

How STChealth partners are responding:

- Visibility into the inputs and desired outcomes for the platform drive understanding and trust
- Planning for staffing and budget becomes easier when the intended solution is built in partnership
- IF/WHEN new funding sources are available, there is a clear path to connect work in progress and future development in applications

Immunization Program Benefits

- **Built in Partnership:** Software vendors are AWARE and PROACTIVE in building for your specific needs, and progress is demonstrated rapidly and continuously
- **Data Access, Exchange, and Insights:** Data connections are seamless, trustworthy, and surface new insights to improve community health
- **Enable Human Experiences:** Tools that allow users to place more emphasis on human connection and experiences are the new standard



Thank you!

Questions?