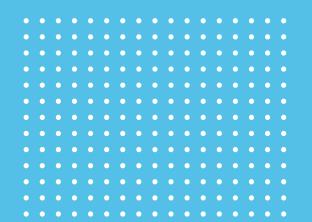
Transforming Health with HIMSS

Denise Hines, DHA, PMP, FHIMSS

Chief Americas Officer







Who is HIMSS

- HIMSS is a global voice, advisor and thought leader of health transformation through health information and technology.
- With a unique breadth and depth of expertise and capabilities, we work to improve the quality, safety, and efficiency of health, healthcare and care outcomes





Vision

• To realize the full health potential of every human, everywhere.





Mission

• To reform health globally through information and technology.



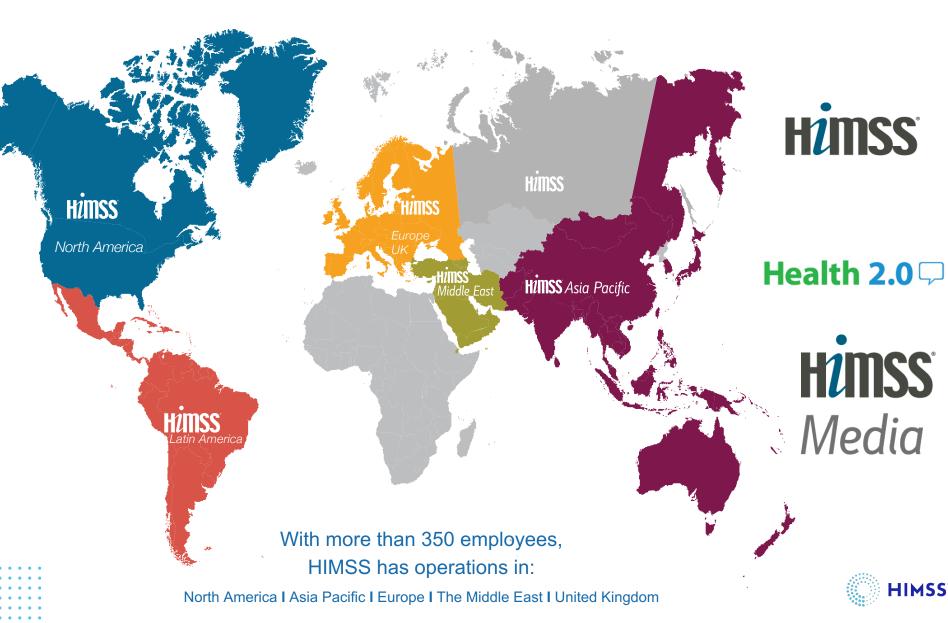


Global HIMSS

Himss Analytics

Personal Connected Health Alliance®

Health**box**











HINSS Analytics



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Health 2.0





Consulting Services

HIMSS Analytics

- Maturity Model and Adoption model Standardized Scoring
- Support and Development strategies across the full range of models

Healthbox

- Supporting Innovation strategy development and execution
- Digital Health Strategy and Market positioning
- Innovation Investment Portfolio development and management

Health 2.0

 Bringing Innovation Companies exposure and connectivity to Providers and the Investment Community

HIMSS Media

- Data Driven Marketing Solutions, Research, Advertising and engagement platforms
- Regionally focused content and education





80,000

Individual Members

20,000 Health 2.0 Individual

Members

75,000

Event Attendees

20,000

Volunteers

740

Corporate Members

600,000

Hours of Online Learning

453,000

Social Media Followers

100,000

Virtual Learning Subscribers **470**

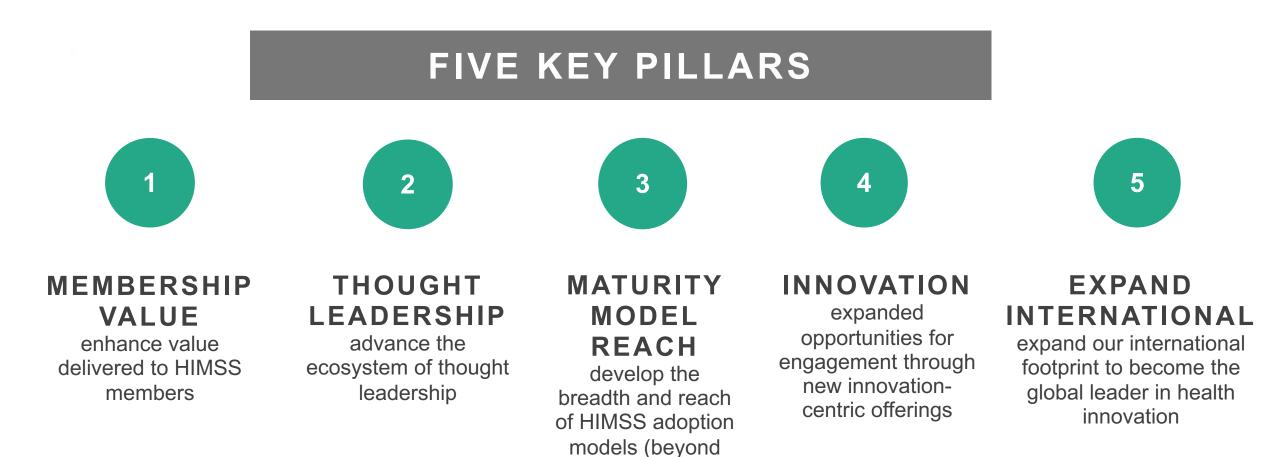
Non-Profit Partner Members 450

Organizational Affiliate Clients





How Is HIMSS Leading Change?



EMRAM)



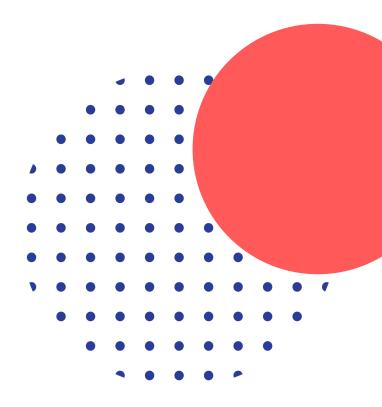
The Start of the New Digital Transformation





You never change things by fighting the existing reality. To change something, build a new model that makes the old model obsolete.

- R. Buckminster Fuller





The World is Changing....Even in Healthcare

All of these businesses are IP and data-driven businesses



The worlds largest taxi company, owns no vehicles



The world's most populate media owner, creates no content



The most valuable retailer, has no inventory.



The world's largest accommodation provider, **owns no real estate**.



New Business Models will Drive the Future Health Ecosystem

| | Govern & Policy | | <u>regul</u> Hin | | | : Leaders ovators | | | | | | | |
|--------------------------------------|-------------------------------|------------|----------------------------------|-----------------------|---------------------|------------------------------|-------------------------------|--|--|--|--|--|--|
| | WELLBEING & CARE DELIVERY | | | | | | | | | | | | |
| Connectors & Intermediaries | Health Products Developer | | Centric Health e & Community" | Specialty Operat | | Localized Health Hub | Individualized Financers | | | | | | |
| Delivery Service Providers Ex: | Application Developers Ex: | Virtual Ca | are Providers Ex: | World Class Hea | alth Centers | Retail Clinics Ex: | N of One | | | | | | |
| | Inventors & Innovators Ex: | Virtual C | are Enablers Ex: | Event-Specific Ex: | Facilities | Home Health Providers Ex: | Insurers Ex: | | | | | | |
| Supply Chain Coordinators Ex: | Manufacturers Ex: | Wellnes | ss Coaches: Ex: | | | Health Navigators Ex: | Catastrophic Care Insurers | | | | | | |
| Supply Chain | Data Colle Ex: | ectors | Engine De Ex | | | form Developers Ex: | Gov. Safety Ne | | | | | | |
| Designers Ex: | Data Conn Ex: | ectors | Analytic: Ex | | Platform | Ops & Managers Ex: | Payers Ex: | | | | | | |
| Enterprise Tool Developers | Data Sect Ex: | urers | Insight Dis Ex | scoverers | | | | | | | | | |
| Ex: | Data Con | vener | Science & II | nsights Engine | form Infrastructure | | | | | | | | |
| | | | DATA & P | LATFORM | | | | | | | | | |
| | | | Smart | Cities | | | | | | | | | |



Digital Transformation: A New Ecosystem is Emerging

Today

- Sell as many products as we can drugs, devices, medical supplies, procedures
- See as many patients as we can
- Focus on episodic care with little incentive for long-term plans or follow-up
- Horde data, accessed retrospectively
- Provider directed with little use of information & technology to inform care
- Focus on incremental optimization

Tomorrow

- Outcomes-based care with aligned financial incentives ("reimbursing value, not volume")
- Holistic, longitudinal, wellness-focused
 citizen engagement
- Liberated & mobilized health data accessed in real time
- Citizen-directed, information & technology-enabled care
- Rising powers and dying dinosaurs
- Creative disruption of care models



Strategic Assets: Maturity Models

Strategic Pathways to the Digital Future

AMAMH-SIMMCCMMINFRAMDIAMO-EMRAMEMRAM

Impact to Date

776,000,000+

in **47** Countries

at 66,000+ institutions



Evidence of Impact to Date: Lives Saved, Reduced Cost, Improved quality





7:1 ROI, **\$301.5M** in savings from inventory supply chain over 7 years



92% decrease in blood stream infections in infants



Reduction of **38** hours in room turnover per day 10% reduction over two years



Global Challenges and Solutions





Global Challenges in Most Systems

Fastest Ageing Population High Chronic Disease Burden Geographic Displacement Extremely Challenging Funding System Highly Educated and Demanding Consumer Lack of Actionable Information Growing Staff Shortages





Summary of the Industry Healthcare Interoperability Story

After years of collecting information, the industry was sitting on massive amounts of clinical data.

The question began with "How to get that information into structured data?"





System Needs Driving Interoperability



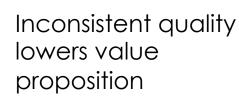
Multi-pronged approach to exchange



Limited measurement of standards implementation, adoption and use



Semantic interoperability a barrier to data exchange





Provider centric system of exchange



No common agreement on patient matching



Four Levels of Interoperability

- Foundational (Level 1) –inter-connectivity one system or application to another.
- Structural (Level 2) –organization of data exchange
- Semantic (Level 3) data elements with standardized definitions
- "New" Organizational (Level 4) Governance enables shared consent, trust and integrated enduser processes and workflows.



Technological Trends Push Interoperability

- Technological advances are creating new
- opportunities:
 - Wireless
 - processing power
 - Cloud
 - Blockchain
 - •<u>Artificial Intelligence</u> •FHIR®



Canadian Strategy

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Ensure HIMSS is **the trusted** organization global government policy leaders involve as thought leaders, collaborators and conveners on **all policy matters** where health information and technology advance healthcare transformation -

Leverage diverse member and organizational resources, and coalition-building capabilities to **support** government decision making

Harness the value of health information & technology to:

- Supporting Healthcare Transformation
- Expanding Access to High Quality Healthcare
- Increasing Economic Opportunity
- Making Communities Healthier





Engaged with StrategyCorp to conduct an Environmental Scan

- Reviewed a broad list of stakeholders
- Reviewed all 14 healthcare systems
- Healthcare priorities and infrastructure sophistication vary by province
- Big challenges are in privacy and interoperability





CREATING CONDITIONS FOR SUCCESS

BISTRATEGYCORP 2018



Government Relations

Develop a multi-pronged Government Relations strategy and tactical plan.

Federal

• Establish a relationship with federal government resources

Provincial

- Engage provincial governments in care-level policy development

Cross Border

 Develop and execute on a plan to advance Canadian/US digital health initiatives (model practices; common healthcare concerns, etc.)

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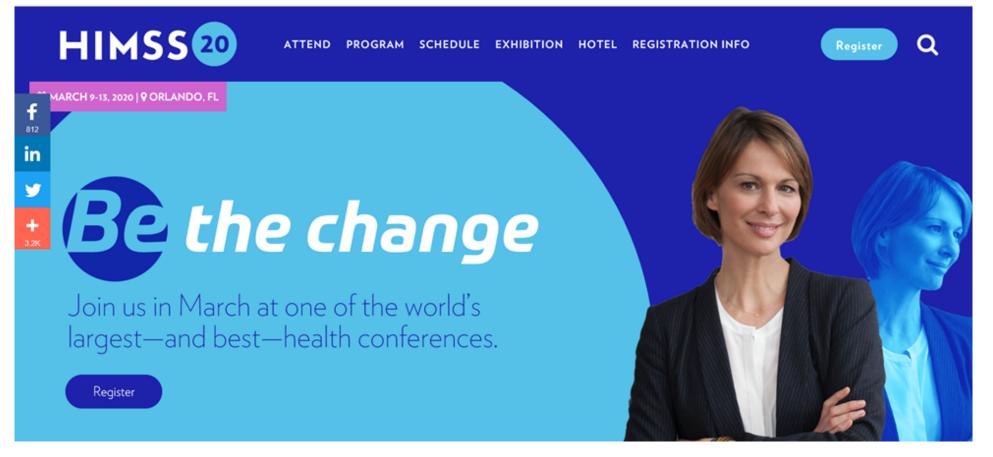
HIMSS Global Health Conference

- New Name
- New Brand
- New Theme
- New Website





HIMSS Global Health Conference





HIMSS Global Health Conference

ATTEND PROGRAM SCHEDULE EXHIBITION HOTEL REGISTRATION INFO



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HIMSS₂₀

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REGISTRATION INFO \ REGISTRATION PRICING

Registration Pricing

Join us for 300+ education sessions, innovation from 1,300+ exhibiting companies and endless networking. With nearly 45,000 attendees—HIMSS20 is the global health information and technology event.



REGISTRATION

OPTIONAL ADD-ON EVENTS

Registration Includes:*

- Keynotes
- General Education Sessions
- Exhibit Floor
- Opening Reception
- Access to Education Recordings**
- Shuttles to/from HIMSS hotels

Optional Add-on Events (additional fee):

- Preconference Symposia
- Forums
- Specialty Education
- Roundtables
- Receptions



Global Conference: Showcasing Canada



<u>Canadian Forum</u>

- Partnership with the Canadian Trade Commissioner to support Canadian digital health companies
- Chapter Leader meeting & Chapter receptions
- Canadian market suppliers throughout HIMSS19 exhibition floor
- <u>Canadian reception</u> hosted by ITAC Health and HIMSS



Questions?

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