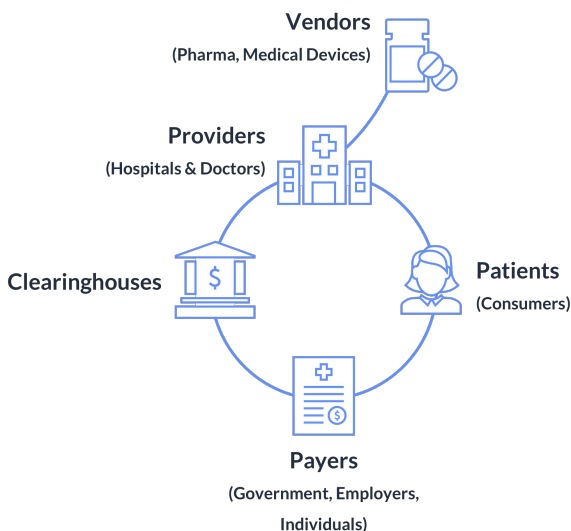# Power efficiency in healthcare with Λ daml

The unique pressures on healthcare are driven by privacy concerns, compliance requirements and heightened demand for efficiency, accuracy and improved patient outcomes. Multiple parties - governments, insurers, patients and providers - are rightfully insisting on better, faster and more reliable solutions that still safeguard personal information. However, healthcare delivery systems are often built on older technology that silo information and stand in the way of delivering efficient healthcare solutions.

Daml is the smart contract language

that simplifies and enables multi-party workflows with built-in safeguards to protect sensitive data.

End-to-end innovation

The collaborative nature of healthcare requires synchronization across multiple parties. From securing patient data to reducing administrative costs or improving clinical research operations, Daml can help manage the complex end-to-end lifecycle of critical healthcare delivery.

Vendors
(Pharma, Medical Devices)

Providers
(Hospitals & Doctors)

Clearinghouses

Patients
(Consumers)

Payers
(Government, Employers, Individuals)

Use Daml to achieve meaningful reductions in cumbersome processes and operational overhead, while securing sensitive personal data.

Smart contracts drive smarter solutions

Foster efficiency, reduce cost and save time.
Streamlined processes ease operational burdens and overhead for all parties, with real-time information shared between:
- Healthcare providers, insurers, patients and oversight organizations
- Clinical researchers, regulators and testers
- Manufacturers and pharmacies
- Providers and payers

Accelerate growth.
Speedy onboarding and recredentialing lets physicians, clinics or hospitals ramp up patient care quickly. Streamlined clinical trial management and better communication with regulators expedites time to market. Unified workflows facilitate easy adoption of health plan changes or regulatory requirements.

Extract intelligence from secure data.
Strict controls govern access to sensitive data on a need-to-know basis, protecting privacy. One view of the entire supply chain increases drug safety, decreases fraud, minimizes counterfeits and facilitates recalls (if needed).

Improve transparency and accuracy.
Securely shared data across all parties improves the quality, cost and delivery of healthcare. Better access to better quality data limits fraud and eliminates expensive, time- consuming reconciliations. Synchronized data can give providers a single, updated view across all plans.

Empower patients.
Improved availability of medical data, across providers and payers, provides price and quality transparency that puts the patient in control. Keeping private data private improves patient care and trust.

Maximum flexibility to accelerate value

Whether you're identifying the issue or ready to widely distribute new solutions, Daml optimizes your choices. You have the freedom to start small and build quickly, confirming potential value without costly investment.

1. **Prove your concept.** Explore, learn and test at the speed that's right for you and without interfering with current systems or processing. Once you're confident that you've identified the right problem, go beyond the business logic to address other, non-technical requirements.
2. **Build it once.** Develop your code simply without touching existing platforms, hiring a large development team or linking your solution to a particular partner. You own your code, and can reuse it with other applications or extend it to another network when you're ready.
3. **Deploy it anywhere.** With a clear view of the value inherent in your solution, identify the best architecture or partner to achieve your goals. Daml gives you the flexibility to integrate with persistence layers or choose a partner, with the freedom and security of knowing you're not locked in. Unrestricted portability lets you select new partners as and when your requirements change.

Daml-driven solutions for Healthcare

Here are just some of the ways that market participants can use Daml to solve persistent business issues, adapt to rapidly evolving regulations, and create opportunity.

Healthcare Providers

- Provider credentialing and onboarding
- Care coordination and care transition
- Patient payment management
- Affiliated clinical and administrative interoperability

Payers & Commercial Access

- Healthcare claims lifecycle management
- Health plan shared accumulator
- Coordination of benefit workflow
- Provider demographic and directory management

Pharmaceuticals & Life Sciences

- Clinical trial master file management
- Patient trial consent management
- Labeling and company core datasheet (CCDS)
- Supply chain - track and trace

Unlock innovation today

Our team has an unparalleled breadth of healthcare experience and technology expertise.
We welcome the chance to help you explore the opportunities that Daml can unlock.

About Digital Asset

Digital Asset helps companies of all sizes and across industries get distributed applications to market faster, and stay there longer. At the core of our service offering is Daml, an open source and platform-independent smart contract language that enables developers to write an application once and deploy it anywhere. Our global team of professionals is comprised of experts and innovators from technology, engineering, enterprise domains and the industries we serve.

Learn more and view additional case studies at https://digitalasset.com, or

Download the SDK and view our healthcare reference applications at https://daml.com

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Set up a call or meeting by contacting us at enterprisesolutions@digitalasset.com