

## Executive Summary

Tolven is a Californian based corporation founded as Tolven Incorporated in February 2006, with the vision of becoming *one of the most innovative health informatics and service delivery companies anywhere*. Tolven will accomplish this goal by leveraging the affordable nature and quality of **open source software development**, coupled with the development of a high quality service delivery organization, to provide “high quality – low cost” secure **electronic health record solutions for consumers and clinicians**.

Health systems around the world are broken. Inadequate information systems, increasing consumer expectations and an information explosion, coupled with a chronic lack of funding are leading to crisis conditions being suffered by health systems across the globe. Tolven believes that *an affordable Electronic Health Solution based on a single information platform to support both consumers and healthcare professionals can remedy the situation and lead to dramatic advances in all related health industries*.

The Tolven *Electronic Health Solution* will revolutionize the way in which the consumer of healthcare and the provider of healthcare collaborate to ensure that accurate, vital and robust information can be safely and securely used by professionals involved in providing care and the consumer alike.

The Tolven solution enables consumers to proactively ensure that their health providers have the latest information to guide them in their decision making. The Tolven **electronic Personal Health Record** (ePHR) provides the consumer with an intuitive web-based application to view, store and share healthcare information about themselves or for those they look after (e.g., aged relatives, children and those with disabilities); to communicate with their care providers; and to access needed health-related information relating to their specific conditions through the power of the internet; and to simply perform mundane tasks, like re-filling a prescription for themselves or one of their dependents – all with a minimum of effort.

The ePHR will become the focal point for a consumer’s engagement with healthcare organizations and services, delivering services from wellness information to provider performance data into a single portal. In addition to supporting healthcare delivery, the ePHR will provide an ideal mechanism for consumers to report adverse events or concerns relating to either prescription or over the counter medications. Making this adverse event reporting part of the ePHR portal will encourage consumers to become more proactive in reporting issues, enabling pharmaceutical companies to be notified of issues long after a drug has been released to market after approval by the Food and Drug Administration.

Uniquely, the Tolven ePHR does not just help the consumer. The consumer can decide to securely share all or part of their Tolven ePHR with their care provider. Just imagine visiting your doctor’s office and not having to complete any forms because all of the information needed is already available on-line.

The Tolven **electronic Clinician Health Record** (eCHR) enables care providers to have access to a consumer’s latest healthcare information in real time. How often has a care provider asked you what medications another doctor has prescribed, or what over-the-counter medicines you are taking? All of this becomes a thing of the past as the consumer and other providers update information on-line.

The Tolven eCHR enables authorized care professionals to keep information about their treatment plans and findings as part of a single **Electronic Health Solution**. Clinicians can then securely share information they collect about their patients with other care providers.

The Tolven ePHR enables the consumer to selectively include information that a care provider has collected in their eCHR, thus making this information available to other care providers. In the case of an emergency, Tolven consumers who have made their ePHR available to emergency service providers will be ensuring that paramedics and emergency room physicians have access to their most up to date clinical information. Consumers providing emergency service providers with access to their ePHR in case of an emergency will potentially avoid unnecessary risks and delays in treatment.

**The *Electronic Health Solution* from Tolven is based on the latest technology standards and is being developed as an open source project to further extend the collaborative nature of Tolven's innovative approach.**

Tolven uniquely addresses the business problem of making healthcare information available in real-time and in context to any internet-enabled device in a secure and affordable manner. The Tolven solutions are focused on industry and technology compliant standards supporting patented business processes that will enable healthcare information systems to derive their long promised return on investment.

The healthcare industry is riddled with poorly architected solutions based on legacy architectures that are often in excess of 20 years old. *Existing healthcare information technology companies will not be able to compete with the innovation that Tolven brings to market.* Legacy architectures are incapable of supporting the evolving business process changes needed to enable clinician and consumer collaboration.

Tolven embraces global industry standards to ensure its solutions can be used in multiple territories, and can integrate with payors, pharmacies and diagnostic services, thereby ensuring a comprehensive view of patient information to reduce costs and errors, to streamline business processes, and ultimately to dramatically improve the quality of healthcare delivered across the globe – and all for a fraction of the cost of existing solutions.

**The open standards and open source business model that Tolven has adopted facilitate rapid collaborations with other open source software vendors working in the healthcare and life science marketplaces.** Tolven is already assessing the potential of partnering with an open source integration engine company and an open source clinical trials management system vendor. These collaborations will accelerate the integration of healthcare and life science solutions available in the marketplace in the coming months.

*The solutions and services that Tolven brings to market are suitable for adoption across the global healthcare marketplace.* For more information about our company, contact us at [info@tolvenhealth.com](mailto:info@tolvenhealth.com).

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