KAYS Harbor®
TECHNOLOGIES

We help you glide through healthcare challenges and opportunities

www.kaysharbor.com

Are your Healthcare IT solutions managing change and maximizing opportunities?

Healthcare industry is increasingly under pressure to improve healthcare outcomes; at the same time wade through a complex maze of regulation and contain mounting healthcare costs. Technology holds a promise to not only solve the challenges but also disrupt the way healthcare is provided.

Kays Harbor has a dedicated healthcare transformation practice that understands the challenges you face day in and day out at your healthcare organization. We provide necessary IT services, support and platforms to help you take the challenges head on and create solutions that are meant to drive quality and efficiency.

Our custom technology solutions help you answer Healthcare's biggest challenges

Healthcare challenges & Opportunities	Our service value propositions
01 Generating patient engagement where patient takes charge	Patient portals
02 Stringent regulatory compliance	In house compliance frameworks & accelerators: HIPAA/HL7/ICD/CCD
03 Addressing niche requirements and workflows	Custom EMR/EHR ; lab & diagnostics solutions
04 Containing cost & improving ROI	Financial backend integration and analytics
05 Shift from volume to value	BI & analytics solutions
06 Disintegrated information of patient in care continuum	Interoperability standards
07 Quality and patient care outcomes in the complex environment	Niche clinical flows and pathways; alerts; evidence based; predictive analysis

Our services portfolio

From custom software development to enterprise integrations, we bring a unified and focused IT services approach to help organizations throughout the continuum of care

Our expertise

Domain expertise in healthcare

- Domain Solutionising
- Custom Specialty Specific EMR
- Diagnostics Imaging and Reporting
- HIPAA Compliance
- Value Based Care Frameworks
- Interoperability −HL7, FHIR
- Telemedicine

Technology expertise for healthcare

- Tech Solutionising
- Mobile Apps : iOS, Android, Windows
- .NET and MVC Frameworks
- PHP Frameworks
- UI/UX Wire Framing
- Open Source Frameworks
- Data Mining; Big Data Frameworks

We provide value across the chain

Providers   Specialists   Health Centers

Independent Practitioners   Assisted Life Care   Hospitals

Our sample Healthcare success stories

Endoscopy Solution

US based client who wanted to create a product for endoscopy clinic management which was a niche segment. Existing endoscopic software installations were cumbersome and non-intuitive leading to low adoption rates. The solution entailed workflow integration allowing patient registration, scheduling, billing, image capturing and reporting, live video streaming and image annotation, report customization and template creation.

This solution is compliant with different endoscopy devices and is a plug and play solution. In addition, the solution is HIPAA compliant.

Impact

1. Reduction in patient wait time

2. Better accuracy and result correlation with past test results

3. Driving accurate reporting with inbuilt guidelines

4. Integration of workflows resulting in higher operational efficiency

Technology Used

3rd party Integrations

Microsoft SQL Server · .NET MVC · Apple
HTML5 CSS3 JavaScript · Silverlight

Telerik™ · ApexSQL

patients with last name

Report

Please choose a template   Procedure Report-EGD ▾   Procedure F

Patient's Name	Patient ID
Plasencia Rosalia	753

Procedure: The endoscope was passed with ease through the mouth under direct visualiz and advanced to the 2nd portion of the duodenum. The endoscope was withdrawn slowly an the mucosa was carefully examined. The mucosa was visualilzed well and the patient tolerate the procedure well.

FINDINGS:

Hypopharynx: [Normal]   [ ]   [ ]

Esophagus: [Normal]   [ ]   [ ]

EG Junction: [Hiatal hernia - - Small ; Two mucosal biopsies were performed using a standard disposable mucosal forceps.]   [ ]   [ ]

Stomach: [Possible inflammation was noted]   [ ]   [ ]

Our sample Healthcare success stories

Medical Records Management for Pediatricians

Client's requirement was to build a product that specifically addresses managing Pediatrics workflow and Medical Records, and combining the EMR and backend solutions that are usually working in disintegrated manner.

Solution incorporates pediatrics specific charting like vaccination schedule and alerts, measurement graphs, SOAP notes, administrative modules like appointment and billing, accounting as per IFRS etc. and complete integration of all modules.

Impact

1. Better quality care with basic alerting and clinical decision support system

2. Reduction in operational time for support staff with integration of front end and back end workflows

3. Financial insights into the system and their correlation

Technology Used

Microsoft SQL Server   yii framework v2   HTML5 CSS3 JavaScript

Our sample Healthcare success stories

Diagnostic Portal

A US based client who wanted a solution to manage multiple diagnostic chains at disparate locations also integrating hospitals and with 3rd party labs for specialized tests. All of them operating in silos. Also, workforce was difficult to train and manage.

Integrated solution was created for 360-degree view of centers, sharing standard templates, integrating with hospitals and 3rd party labs through HL7.

Impact

1. Workflow standardization and better quality assurance
2. Complete view of functioning of all centers
3. Integration with EMRs to drive better clinical efficiency
4. Better workforce alignment

Technology Used

Microsoft SQL Server   Microsoft ASP.net

HTML5   CSS3   JavaScript

3rd party Integrations

Telerik™

Our sample Healthcare success stories

Telemedicine Healthcare Portal

A Canadian client wanted KHT to build a telemedicine product enabling registered patients in the Canada to receive remote medical consultation from a network of certified medical practitioners.

It was important to understand how a patient would successfully find the right provider, book appointment and a consult via a reliable video conferencing platform.

The platform had to navigate through telemedicine and HIPAA requirements.

Sunita Saloni

69%

Update Profile

Personal Details

Age: 0 Years

Gender: Female

Phone: (998) 801-0630
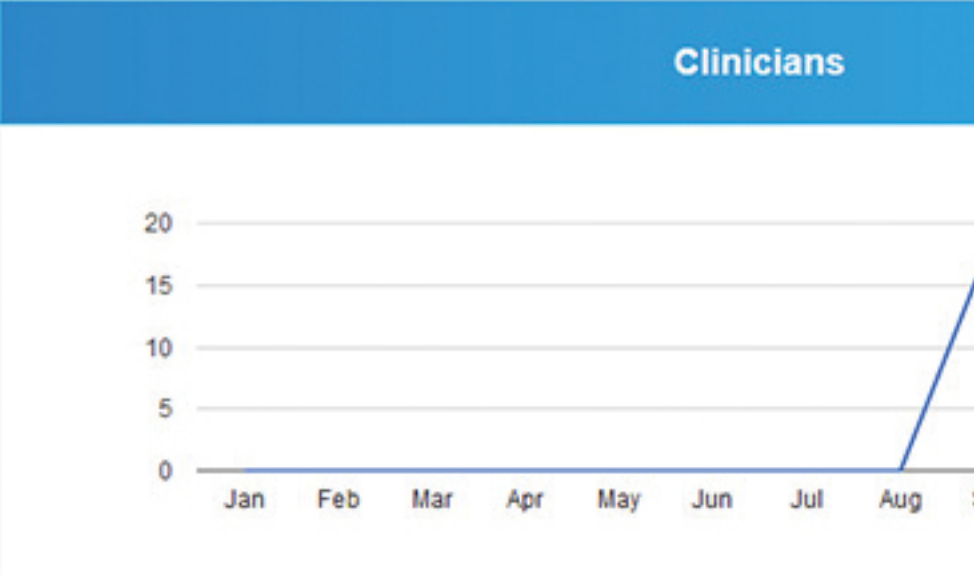
Date of Birth: Sep 26, 2017

05:24 AM Wed, Sep 27
Central Standard Time (Canada)

Living better

Practice Admin Dashboard

Clinicians

Clinician Request

Date	Name
9/26/2017 6:24:00 AM	sunita saloni, A.R.N.P.
	Clinician
9/26/2017 6:12:00 AM	Peter Dawson, B.S.N.
	Clinician
9/26/2017 5:29:00 AM	gdgfd gfdgfdgfd
	Clinician
9/26/2017 5:20:00 AM	Peter Thomas
	Clinician
9/26/2017 4:50:00 AM	Asheesh Minhas
	Clinician

Showing 1 to 5 of 5 rows
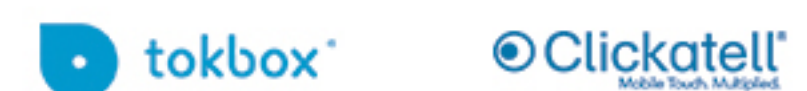
05:25 AM Wed, Sep 27
Central Standard Time (Canada)

Impact

1. Patient convenience and higher engagement with current patients

2. Higher patient throughput resulting in increased revenues

3. Lower costs per patient

4. Improved customer acquisition

Technology Used

Microsoft SQL Server

HTML CSS JavaScript

.NET MVC

Apple

3rd party Integrations

tokbox

Clickatell
Mobile Touch Multiplied

What our clients have to say

"

If there is one team that I will go back to for more work, it's Kays Harbor. Not only is their work top notch, they are also very hardworking and honest individuals. I am extremely pleased with the work they have done."

———

CEO, EsyMed, USA

"

What our clients have to say

"

They [Kays Harbor] are able to draw links between the current product capabilities and future enhancements which makes it very easy during analysis phase to visualize the final deliverable."

IT Manager, Emgenex, USA

What our clients have to say

"

Our business is extremely satisfied and ecstatic with the work we have received from Kays Harbor! Feedback is timely, expertise is top shelf. We are a startup business, without their help, we would not be successful."

CEO, Telemedicine Healthcare Portal, Canada

To understand our full range of services specifically tailored to the needs of healthcare industry, please contact:

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