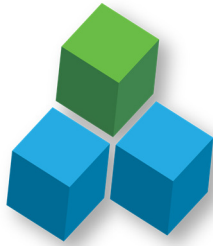


Case Study



ManuLogix

Transform Your *Ideas!*

Multi-tenant Enterprise Dental Management Platform

Dental Data Manager (DDM) Logged in as : Admin Agency 113
My Agency : HTT
Logout

Home Clients Reports Manage Claims Help

Filter Save New Filter

Basic

Last Name:
First Name:
Insurance #:
Age: ☐ Child ☐ Adult ☐ Senior
0 12

Client Info

Carrier: 1008
Employer:
Insurance Plan:

Sort by: Last Name asc Export to

Name: ABBOTT, Natalie Client ID: 13462
DOB: 12/31/2001 Services: [5 Add New](#) Sibling: [1 Add New](#)
Created: 01/28/2009 Last: 03/13/2014 Referral: [1 Add New](#)
Updated: 09/06/2013 Case: [0 Add New](#) [Open](#)

Name: ACOSTA, Harpe Client ID: 13518
DOB: 10/17/2003 Services: [4 Add New](#) Sibling: [1 Add New](#)
Created: 01/28/2009 Last: 10/28/2013 Referral: [0 Add New](#) [Open](#)

Service: 55140 [Chart](#) [Survey](#)

Dentition: ☐ Primary ☒ Mixed ☐ Permanent

16 Overlook Drive Tyngsboro MA 01879
978.649.0303 www.manulogix.com

CASE STUDY- ENTERPRISE DENTAL PRACTICE MANAGEMENT SYSTEM

EXECUTIVE SUMMARY

Client: Oral Health Solutions
Location: Oakland, CA
Customer Since: Nov, 2011
Users: 500 above and growing

Challenge

Client needed a dental management platform acting as a repository for public dental program administration and tracking, providing research material for universities and other institutions.

Connect to Dental Clinics and Practice Management systems to handle patient services and treatment continuity in coverage.

- Claims and Billing with Insurance Exchange
- PDF claims
- Service with Dental Chart
- Import Patient Data in XML/JSON
- Case Management
- Surveys –AAPD Risk, BSS, Custom survey forms
- Referrals, Documents
- Appointments
- Dental Charts – HTML5

COMPANY'S PROFILE

Oral Health Solutions is a solution provider for public dental programs and work with non profit organizations. They evaluate program efficiencies and effectiveness.

DENTAL DATA MANAGEMENT - DDM

DDM, is a platform for several agencies that work on programs funded either by state or federal. These agencies typically have social workers, clinicians, hygienists and doctors that work with children in schools and provide/match patients in need of dental assistance to community health centers.

Depending on the severity of the problem, the patient's data may be transferred to a participating private dental practice.

Trained clinicians can administer preventive care, on-site, such as screening, fluoride varnish, sealants, dental training for parents etc

Goal#1: Build a system, to work with State Medicaid of different states, starting with California.

Goal#2: Make a repository for patient data, already has 24000 patient records, available for research and data mining.

Goal#3: Provide developer APIs and Connectors to work with known Dental Practice Management Systems such as Dentrax

FUNCTIONALITY

The Multi-tenant platform was developed around the patient as a core entity, unlike other practice management solutions, that base on operatories.

SOLUTION: Client wanted an enterprise architecture that can scale up. From the outset, we have focused on activities that are repetitive for users of the system, such as Service Providers, Case Managers, Hygienists, dental students etc.

Ex: A hygienist visiting a school will shortlist the clients via a search filter and fill in the date-of-service, program, site, provider name etc and reuse the service envelope on all the children listed. However, the changes are primarily on the diagnosis of the child and treatment.

Agencies use Excel spreadsheets to hold data of an entire classroom and can schedule to do services for the entire class, within that same day. We automated this process by allowing to import data and open new services for patients and record any activity.

Highlights:

- ✓ SVG/HTML5 based Dental Charts
- ✓ Claims/Billing supports multiple fee structures
- ✓ Ipad based custom surveys
- ✓ HIPAA Certified
- ✓ Streamlined Patient care, Reports, History
- ✓ Works with Insurance Exchange Gateway
- ✓ Case Management
- ✓ Excel/XML/JSON connectivity for data import/export

CASE STUDY- ENTERPRISE DENTAL PRACTICE MANAGEMENT SYSTEM

During development process, client asked for Interactive Dental Charts web application. We researched and figured

Project Outcome:

The project is still ongoing. During the course of development, client had request from a participating agency, for developing a DENTAL TOOTH CHART.

We also implemented for this client, a FormDesigner that helps an agency to design their own survey forms and collect data. These forms are deployed in an IPAD application where

an agency can download their own forms, lookup values for their own data.

- There is also an appointment setting and alerts management for case managers
- Role based access for Providers, Hygienists, Administrators
- IPAD app for data collection, Web app for data processing/analysis
- Agency performance reports monthly, quarterly and custom using

ManuLogix Inc

Established: Jan 2010

16 Overlook Drive
Tyngsboro, MA 01879

Employees: 19

PRODUCT ENGINEERING

Technologies: .NET MVC, PHP Zend Web Applications, REST services, Ajax, JQuery, IOS Apps, Android, Windows Azure, SliverLight and more

TECHNOLOGY

	WEB APPLICATION	IPAD
Platform	ASP.NET/C#, IIS7.0, SQLServer 2008, Microsoft SSRS, SVG Graphics	IOS7.0
Tools	Visual Studio 2010, Microsoft SSRS, Reports server, BIDS	XCode5.x
Others	JQuery/JavaScript, HTML5, CSS3.0, REST Services, Telerik Controls, Ajax, XML/JSON	JQuery/JavaScript, HTML5, REST Services/JSON

Some Use cases will get you an idea of repetitive work efficiency challenges:

Another instance will export a list of patients from the system to an Excel sheet, she is going to see next day at a school. She takes an AAPD (American Assoc Of Pediatric Dentistry) RISK assessment survey in her computer in that Excel file. She comes back to her office and does a quick import of data from Excel.

She can also do the same on an iPad, and the data is synchronized right back into the server, on demand or when WiFi becomes available

CASE STUDY- ENTERPRISE DENTAL PRACTICE MANAGEMENT SYSTEM

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Home Clients Reports Manage Claims Help

Filter Save

New Filter

Basic

Last Name:

First Name:

Insurance #:

Age: ☐ Child ☐ Adult ☐ Senior

0 12

Ethnicity

☐ AA (African American)

☐ AS (Asian)

☐ LA (Latino)

Language

☐ English

☐ Other

Client Info

Carrier: 1008

Employer:

Insurance Plan:

Name: ABBOTT, Natalie Client ID: 13462 [Open](#)

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Service: 55140 [Chart](#) [Survey](#)

Dentition: ☐ Primary ☒ Mixed ☐ Permanent

Q1

1 2 3 A B C D E F G H

Q4

32 31 30 T S R Q P O N M

Date	Tth	Srvc	Description	Type	Status
12/19/2013	NS	D1330	[oral hygiene instructions]	P	C
12/19/2013	NS	D0191	[assessment of a patient]	P	C
07/23/2013	NS	D0190	[screening of a patient]	P	C
06/28/2013	13	D1351	[sealant - per tooth]	P	C

A sample screen shot

Next Steps

If you like our solution and approach, please contact us:

1. We will have a phone conversation to assess your needs
2. We may need to meet with your team to understand clearly your business processes and any specific requirements
3. Your implementation may involve data migration, if you have an existing system or data import, if you are using an ad-hoc storage
4. We will have a test run on a parallel basis with your existing system for validation of the system
5. We can then taper off the use of old system and completely utilize the new system

**Call Us for a Quote:
We can sign an NDA.
ManuLogix, Inc**

**978.944.2460
sales@manulogix.com**