

# QLX Patient Value Optimization & SAP

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by

**Qualex Consulting Services, Inc.**

Powered by  
**SAP HANA®**

# Current Business Problems

- Can't analyze **complex** data sets
- More than 1,200 data fields for a single patient which makes more difficult the **consolidation** process
- No way to view the data in a **connective** way
- Unstructured data from doctor's letters, imaging results and large volumes of generic analysis are difficult to analyze from a **professional** perspective
- Manual consolidation processes avoid **in-depth** patient analysis

# What does it offer?

- A Real-Time tool that allows you to screen patient data effectively and optimize hospital patient flow
- Easy monitoring, analysis and reporting of the most important KPIs in the Healthcare industry
- Inclusion of unstructured data such as doctor prescriptions/letters and generic imaging results
- Data cleaning

# Benefits

- Display real-time information from multiple data source and user-friendly way
- Intuitive, robust, fully live and interactive
- Easy to access, use and customize
- Possibility of external, in-cloud hosting as well as on premise
- Fast consolidation of information



## Top Benefits

**30** minutes Data Refreshment Cycle

**4 to 6** weeks of less effort for measuring the data

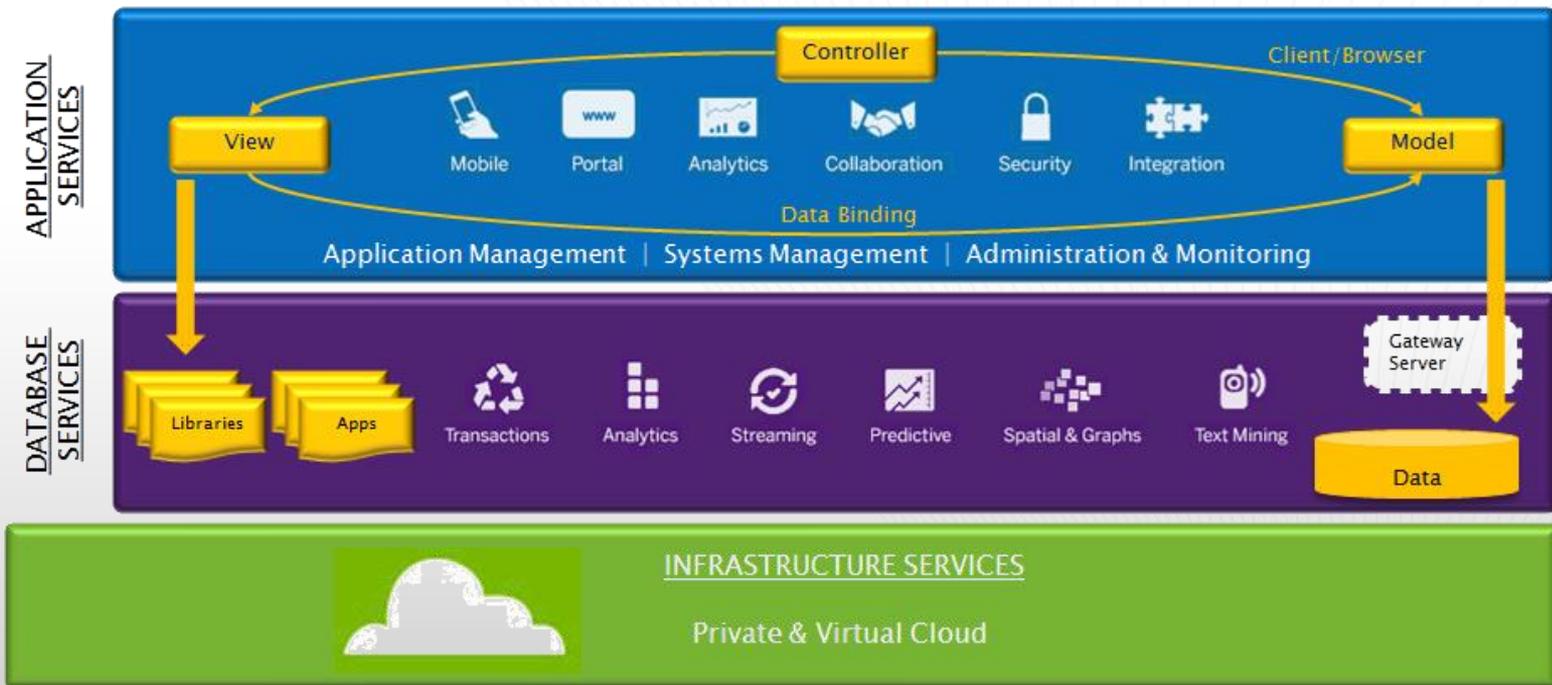
**75%** elimination of inconsistent data

# Behind the Scenes

Integrated

Native (HANA/XS)

Open (JAVA)



# Samples

**CLAIMS** PAYERS

LIST OF CLAIMS GEOLOCATION DIAGNOSIS REPORT PROCEDURE REPORT PROVIDER REPORT

Search Options

--Select Claim Number-- --Select Diagnosis-- --Select Employee-- --Select Insurance-- --Select Location-- --Select MDC Diagnosis-- Clear filters

Detailed information

Payer ...	Diagnosis	MDC Dia...	Member ...	Patient A...	Patient G...	Plan Typ...	Procedur...	Provider ...	Relations...	Type Service ...
100474609	FOLLICU...	NEWBOR...	Dan	25-29	F	PPO	OTH UNI...	VA	Dependent	Surgical
100474876	INFECTI...	DISEASE...	David	35-39	F	PPO	OTHER	TN	Dependent	Medical
100475134	CONTUSI...	FACTOR...	Kevin	55-59	M	PPO	OTHER	IA	Employee	Medical
100475135	CRNRY A...	DISEASE...	Muzzy	40-44	M	PPO	LEFT HE...	TN	Employee	Medical
100475342	ATRIAL F...	DISEASE...	Brain	50-54	M	INDEMNITY	RESPIRA...	TN	Employee	Medical
100475344	SINGLE L...	NEWBOR...	Tommy	<1	M	PPO	OTHER	TN	Dependent	Normal Newb...
100475346	PREV C...	MYELOP...	Al	20-24	F	PPO	CLASSIC...	TN	Dependent	Maternity
100475369	GENU VA...	MENTAL ...	Melissa	15-19	F	PPO	INTERNA...	TN	Dependent	Surgical
100475886	SINGLE L...	NEWBOR...	Don	<1	F	PPO	OTHER	VA	Dependent	Normal Newb...
100475888	POST TE...	MYELOP...	Corey	20-24	F	PPO	CLASSIC...	VA	Dependent	Maternity
100476211	PERICAR...	DISEASE...	Mike	50-54	F	PPO	DX ULTR...	TN	Dependent	Surgical
100476214	RECURR ...	DISEASE...	Terry	40-44	M	PPO	OTHER	PA	Employee	Mental Health
100476217	RECURR ...	DISEASE...	Rao	50-54	F	PPO	OTHER	PA	Dependent	Mental Health
100476227	TRANS C...	DISEASE...	Tony	50-54	M	INDEMNITY	DX ULTR...	TN	Employee	Medical

# Samples

54.243.221.65:8000/iQHealthcare/

54.243.221.65:8000/iQHealthcare/iQHealthcare/WebContent/index.html

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## QLX iQHealthcare

**CLAIMS** PAYERS

LIST OF CLAIMS GEOLOCATION DIAGNOSIS REPORT PROCEDURE REPORT PROVIDER REPORT

**Search Options**

--Select Claim Number-- **NORMAL DELIVERY** --Select Employee-- --Select Insurance-- --Select Location-- --Select MDC Diagnosis-- **Clear filters**

**Detailed information**

Payer ...	Diagnosis...	Employee...	Insurance...	Member ...	Patient A...	Patient G...	Plan Typ...	Procedur...	Provider ...	Relations...	Type Service ...
100476231	NORMAL ...	Active	In-Network PA	MYELOP...	Michael	25-29	F	PPO	MANUAL ...	PA	Employee Maternity
100477772	NORMAL ...	COBRA	In-Network SC	MYELOP...	Nick	30-34	F	INDEMNITY	EPISIOT...	SC	Dependent Maternity
100478340	NORMAL ...	Active	In-Network TN	MYELOP...	Steve	20-24	F	PPO	OTHER	TN	Dependent Maternity
100479370	NORMAL ...	Active	In-Network TN	MYELOP...	Marc	20-24	F	PPO	OTHER	TN	Dependent Maternity
100482281	NORMAL ...	Active	In-Network IL	MYELOP...	Covert	20-24	F	INDEMNITY	OTHER F...	IL	Dependent Surgical
100482533	NORMAL ...	Active	In-Network IL	MYELOP...	ROBERT ...	30-34	F	INDEMNITY	EPISIOT...	IL	Dependent Maternity
100484346	NORMAL ...	COBRA	In-Network OH	MYELOP...	APRIL DA...	25-29	F	INDEMNITY	EPISIOT...	OH	Dependent Maternity
100484440	NORMAL ...	Active	In-Network TN	MYELOP...	STEPHA...	15-19	F	INDEMNITY	MANUAL ...	TN	Dependent Maternity
100485150	NORMAL ...	Active	In-Network IL	MYELOP...	Reggie	30-34	F	INDEMNITY	MANUAL ...	IL	Dependent Maternity
100485159	NORMAL ...	Active	In-Network NV	MYELOP...	Pat	20-24	F	INDEMNITY	MANUAL ...	NV	Dependent Maternity
100485491	NORMAL ...	Active	In-Network PA	MYELOP...	James	20-24	F	PPO	EPISIOT...	PA	Dependent Maternity
100486216	NORMAL ...	Active	In-Network PA	MYELOP...	Avenson	35-39	F	PPO	EPISIOT...	PA	Employee Maternity

# Samples

The screenshot displays the iQHealthcare web application interface. At the top, the browser address bar shows the URL `54.243.221.65:8000/iQHealthcare/iQHealthcare/WebContent/index.html`. The application header includes the logo and navigation tabs for **CLAIMS** and **PAYERS**. Below the header, a menu bar contains the following options: **LIST OF CLAIMS**, **GEOLOCATION** (highlighted with a red box), **DIAGNOSIS REPORT**, **PROCEDURE REPORT**, and **PROVIDER REPORT**.

The main content area features a map of the United States with blue location pins indicating claim activity across various states. A tooltip is displayed over Illinois, showing the following information:

- Name: Illinois
- Total claims: 177

On the right side of the map, there are two tabs: **States Detailed Info** and **States Summary Info**. Below these tabs, a message reads: "Please select a state in the map with at least one claim." The map is powered by Leaflet and OpenStreetMap data.

# Samples

The screenshot displays the iQHealthcare web application interface. At the top, the browser address bar shows the URL `54.243.221.65:8000/iQHealthcare/iQHealthcare/WebContent/index.html`. The application header includes the logo and navigation tabs for **CLAIMS** and **PAYERS**. Below the header, a menu bar contains options: **LIST OF CLAIMS**, **GEOLOCATION** (highlighted with a red box), **DIAGNOSIS REPORT**, **PROCEDURE REPORT**, and **PROVIDER REPORT**.

The main content area features a map of the United States with states color-coded by region. A red box highlights the **States Detailed Info** and **States Summary Info** buttons above the map. A hand cursor is positioned over the state of Illinois. To the right of the map, a bar chart titled "Vacation balance that exceeds refundable limit. Sorted by..." displays data for California, Nevada, and Ohio. The chart compares "Total Paid in \$" (blue bars) and "Total Charged in \$" (green bars). The y-axis ranges from 0 to 2,500,000.

State	Total Paid in \$	Total Charged in \$
California	~450,000	~850,000
Nevada	~550,000	~1,150,000
Ohio	~850,000	~2,000,000

# Samples

54.243.221.65:8000/iQHealthcare/

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## QLX iQHealthcare

CLAIMS PAYERS

LIST OF CLAIMS **GEOLOCATION** DIAGNOSIS REPORT PROCEDURE REPORT PROVIDER REPORT

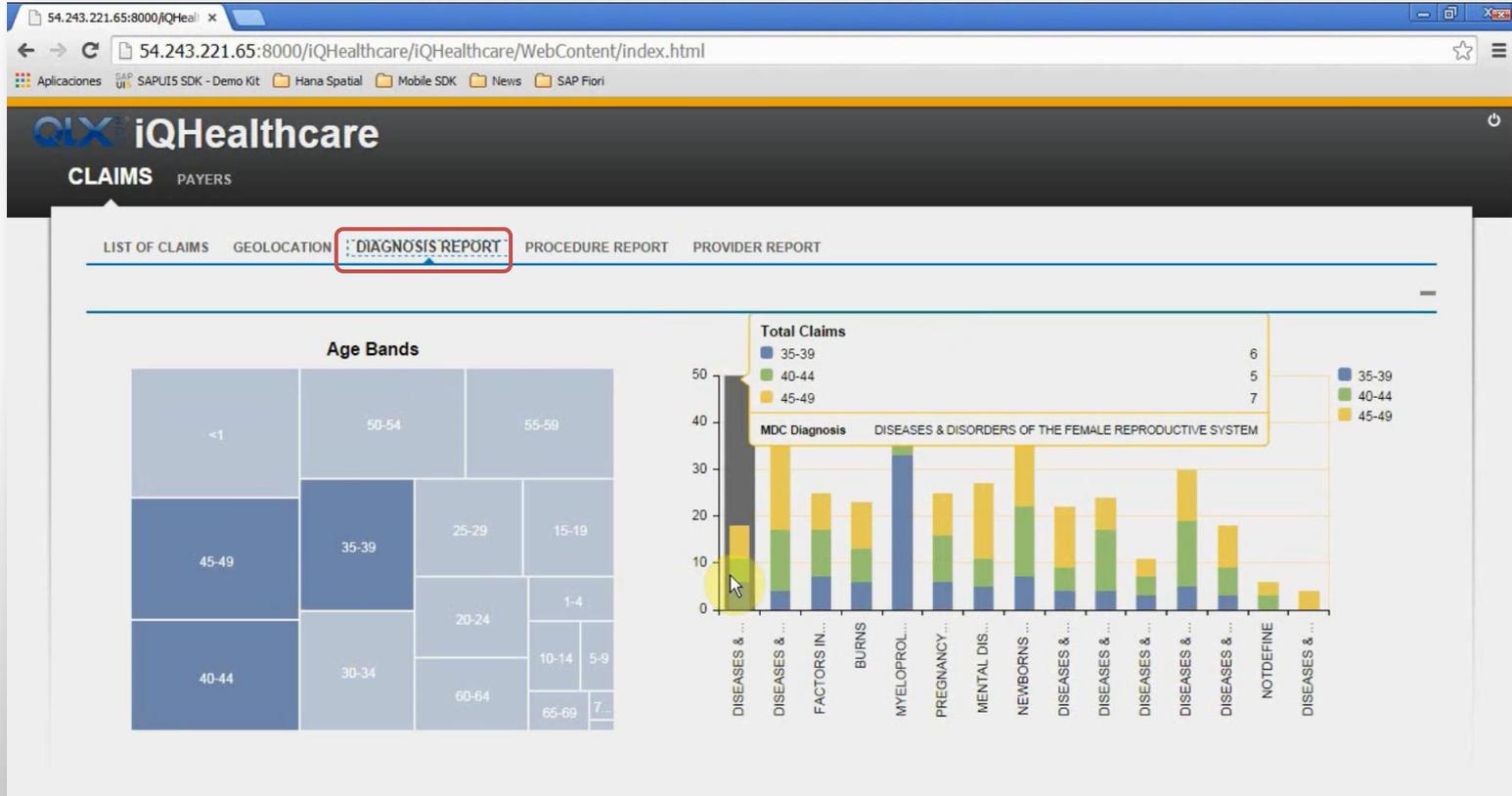
States Detailed Info States Summary Info

States Statistics

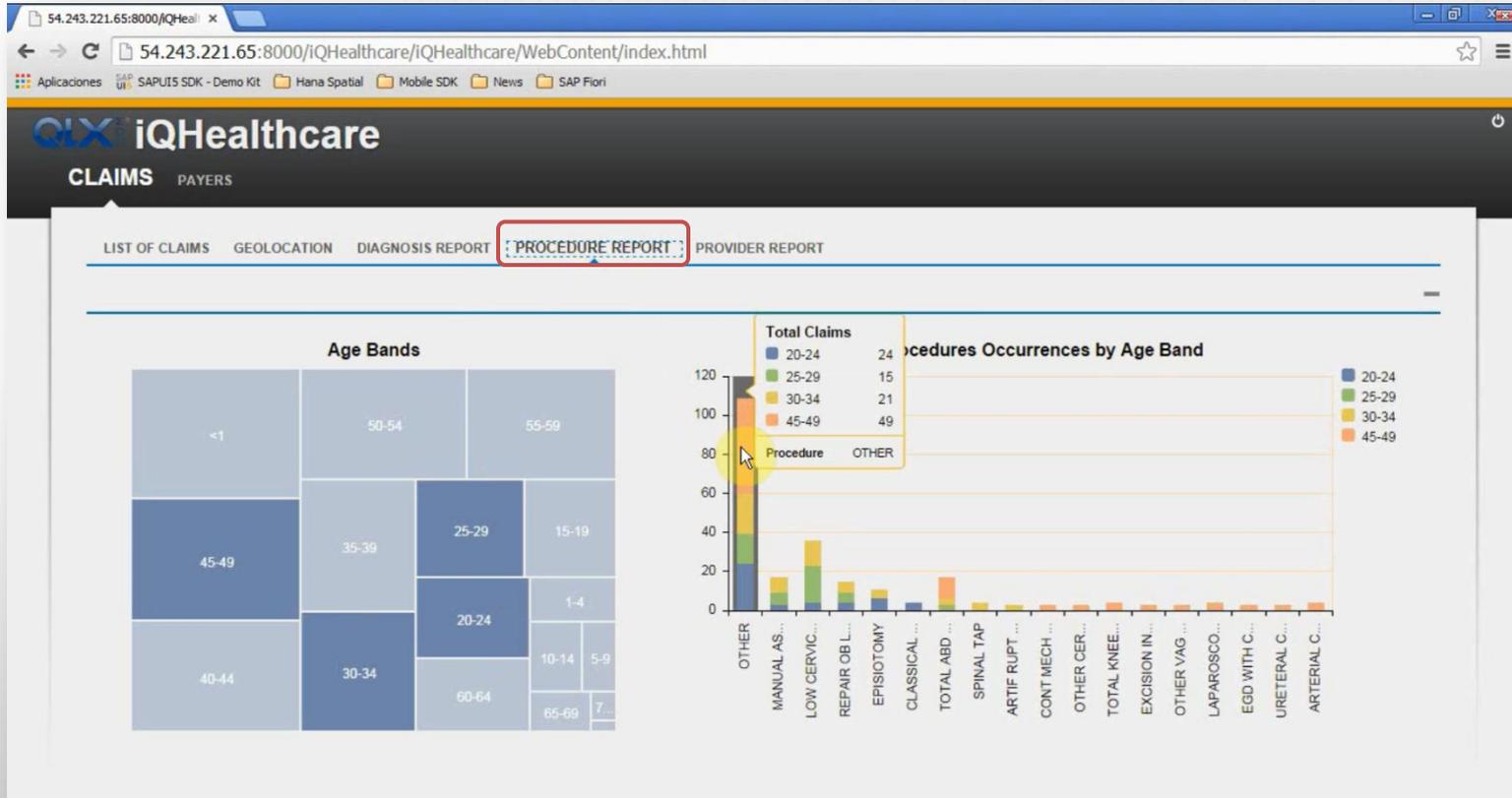
<b>Alaska</b> X 1	<b>Arkansas</b> X 3
0 claims in total.	4 claims in total.
0 \$ paid in total.	34543.6 \$ paid in total.
0 \$ charged in total.	50541.6 \$ charged in total.
<b>California</b> X 4	<b>Iowa</b> X 15
38 claims in total.	114 claims in total.
453161 \$ paid in total.	859707.45 \$ paid in total.
894834.75 \$ charged in total.	1603608.89 \$ charged in total.
<b>Kansas</b> X 16	<b>Nevada</b> X 28
0 claims in total.	47 claims in total.
0 \$ paid in total.	581581.81 \$ paid in total.
0 \$ charged in total.	1205936.49 \$ charged in total.

Leaflet | Map data © OpenStreetMap

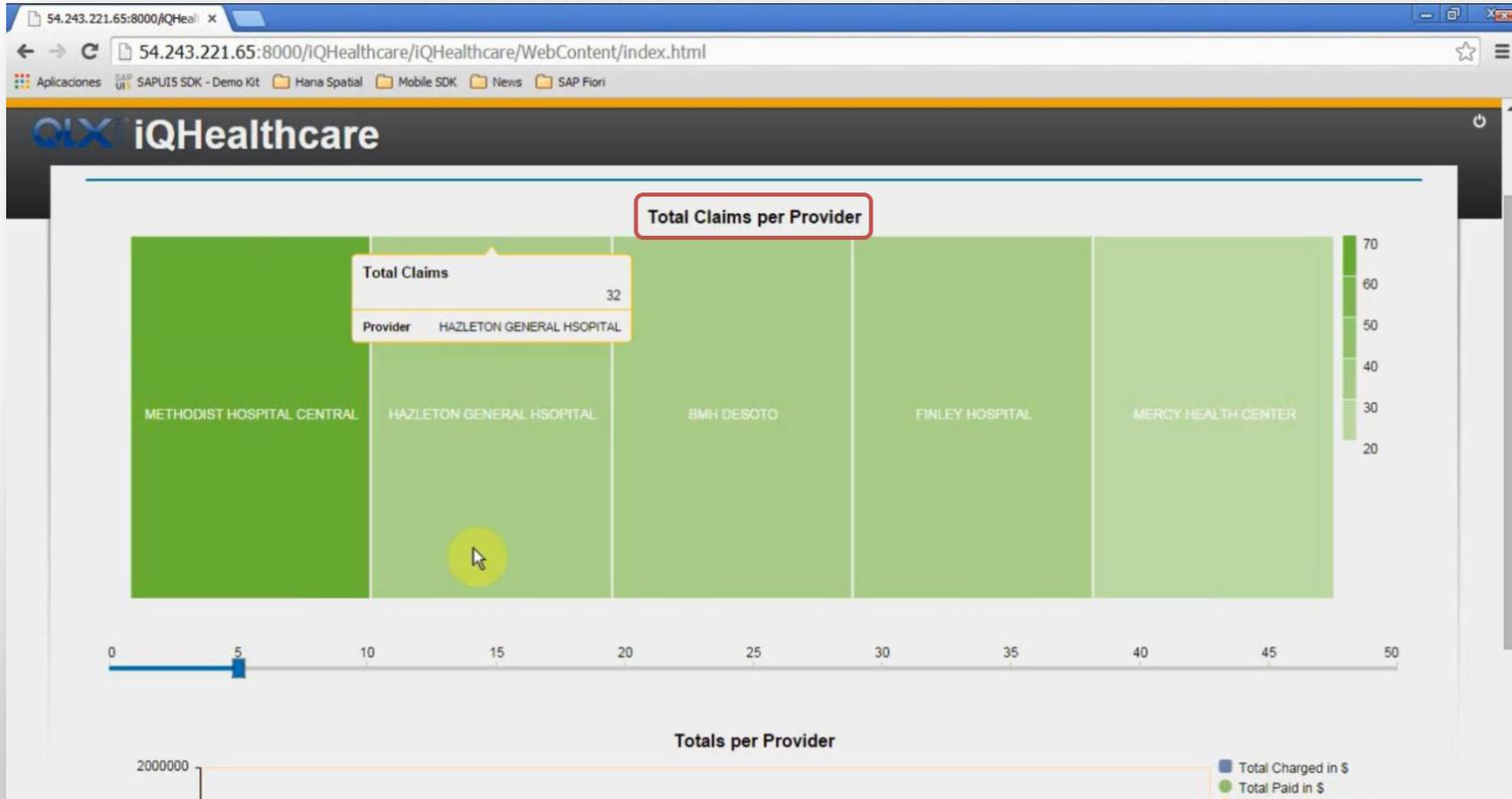
# Samples



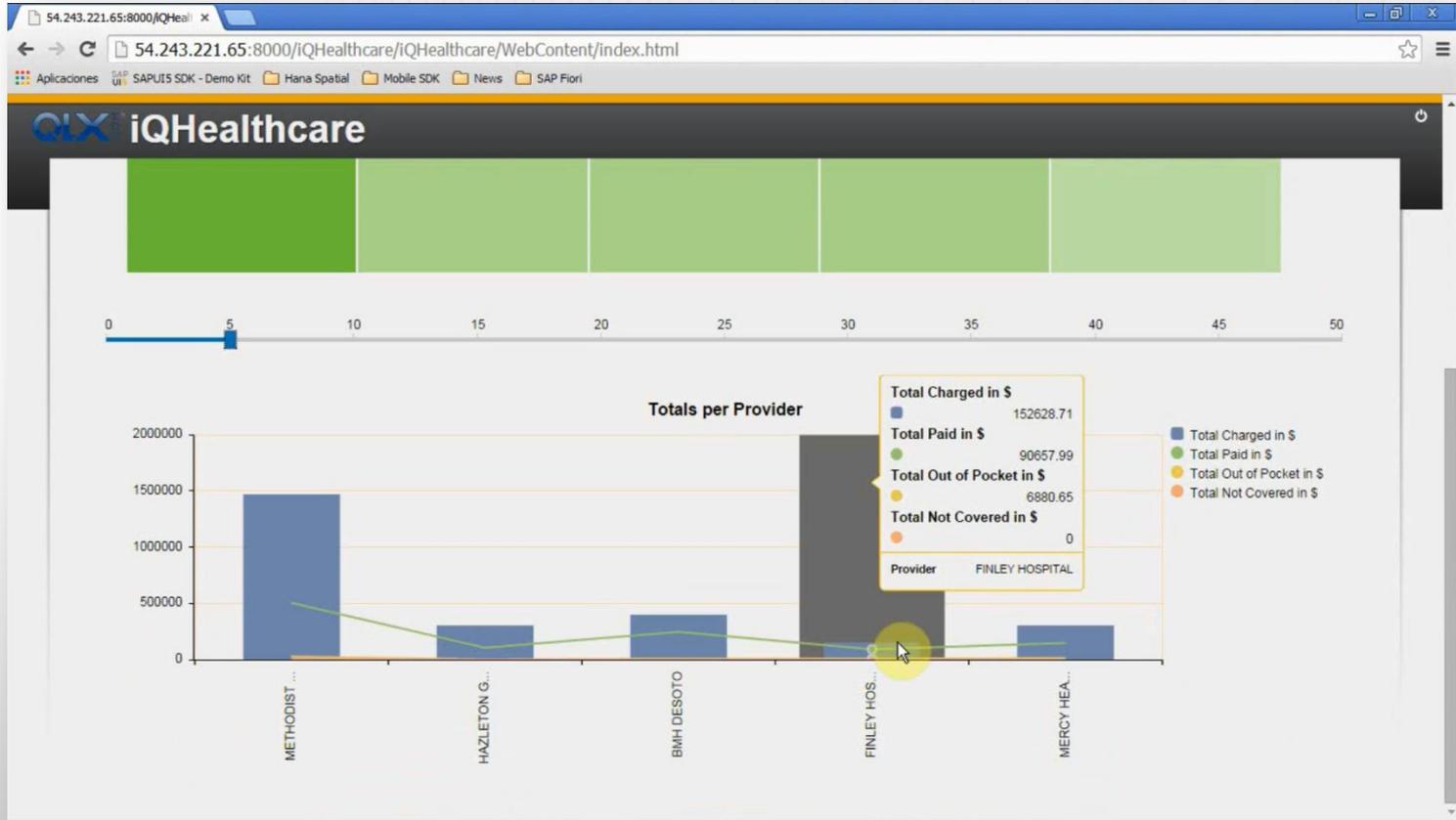
# Samples



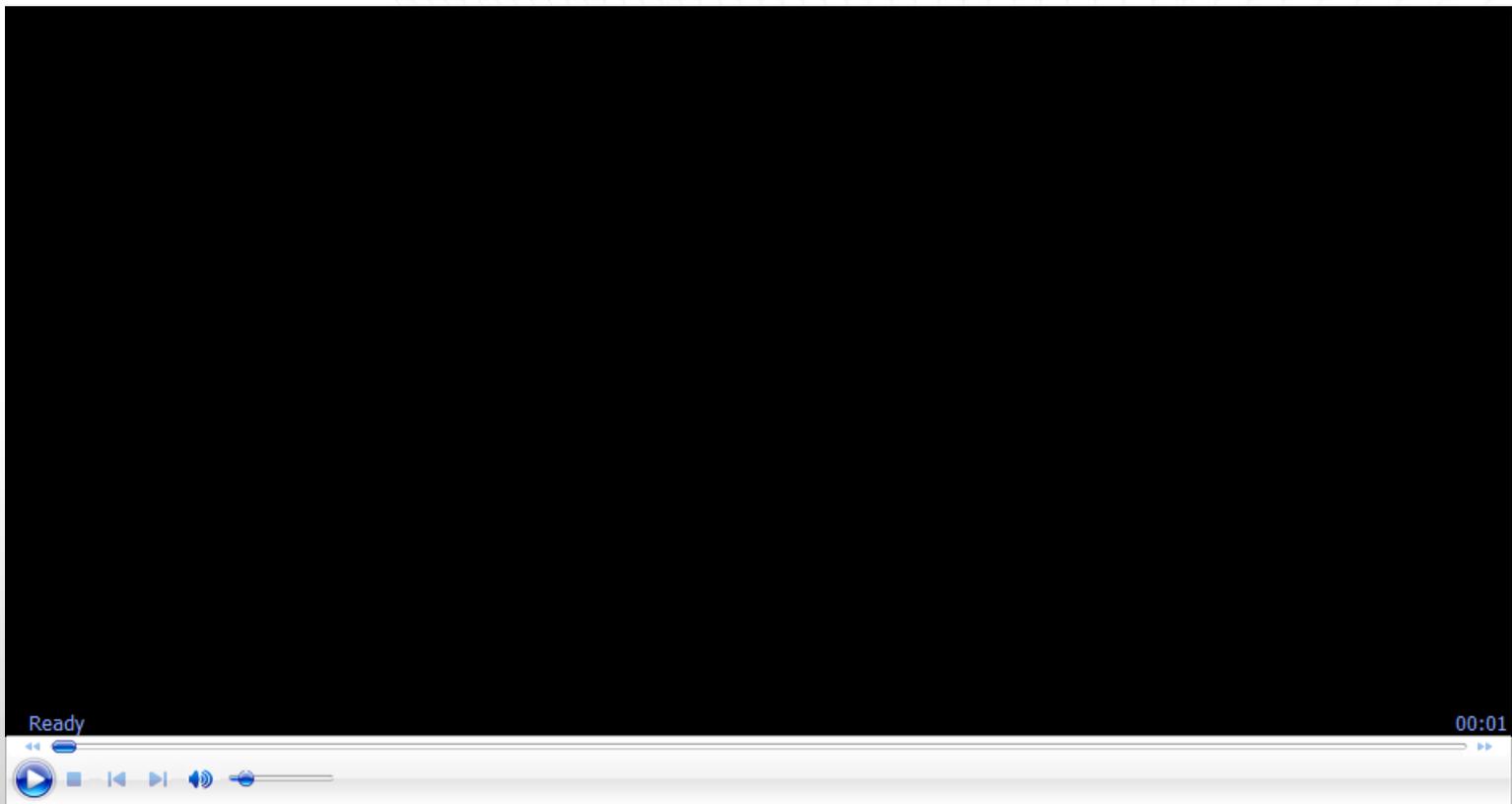
# Samples



# Samples



# Samples





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