Plus91 Technologies Pvt. Ltd.

Adding Value to Healthcare

MediXcel For Governments

Problems you face

- Overcrowding

- Paper Medical Record overflow

- Medical errors

- Delayed district / state level reporting

- Zero / Low predictability or early detection

Of pandemics

- No continuity of care

- Mismanagement of clinic resources and pharmacy stocks
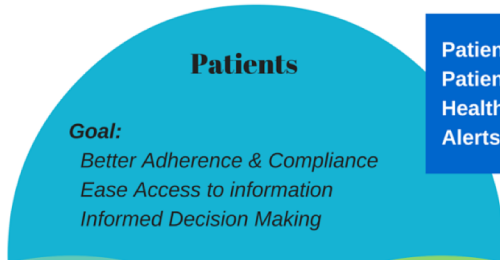
Why Invest in E-health

- Improve Outcomes through better continuous care by providing comprehensive historical medical data to providers

- Use prevalent communication technology to alert and educate patients to improve outcomes

- Ensure real time pooling of Medical and Demographic data to:
  - Track Population Indicators, ADRs, Disease Triggers
  - Measure Health Indicators, Disease Management effectiveness
  - Analyze and Predict Disease outbreaks
  - Create National Health Repository to possibly provide nationalized insurance initiatives
  - Help drive National Health Policy

Why MediXcel

- MediXcel is built as a platform to deal with every type of medical encounter (Consultation, Procedure, Lab Investigation, Imaging Study, Surgery, etc.)

- MediXcel can work on every type of framework – Windows / Linux on Server side and Client Side, along with Android and iOS on client side

- MediXcel can work in a Single Cloud Installation mode or work offline in a remote location network mode to Sync Data between remote locations

- MediXcel has additional components which drive patient engagement and do Population Health studies along with driving Disease Surveillance.
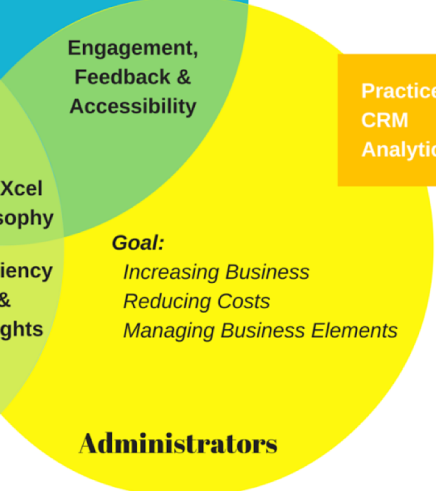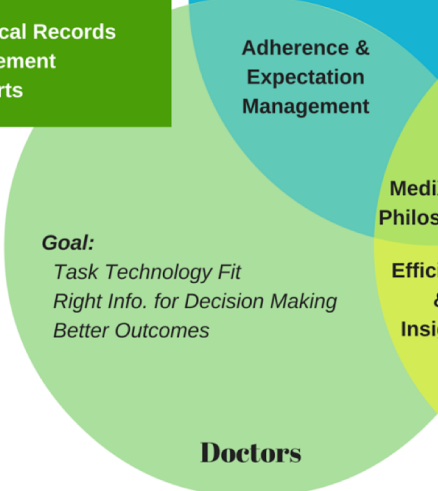
MediXcel: Core Product

Patients

Goal:
Better Adherence & Compliance
Ease Access to information
Informed Decision Making

**Patient Health Record Portal
Patient Side App
Health Information Knowledge Base
Alerts**

**Electronic Medical Records
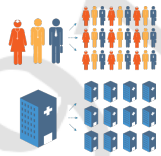Disease Management
Action Plan Alerts**

Adherence & Expectation Management

Engagement, Feedback & Accessibility

**Practice Management
CRM
Analytics**

MediXcel Philosophy

Efficiency & Insights

Goal:
Task Technology Fit
Right Info. for Decision Making
Better Outcomes

Goal:
Increasing Business
Reducing Costs
*Managing Business Elements*

Doctors

Administrators

Extendable platform: CRM, Feedback, Ticketing & Patient portal to improve patient satisfaction & engagement

Scalable platform: Manage multiple clinics or labs across different locations & multi-modality setups

Accessible platform: Browser based apps on the cloud accessible anytime & anywhere over the internet

Integrated platform: APIs to connect lab equipment, SMS, E-mail, Tally and more devices/software

MediXcel: EMR features
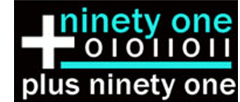
- **Template Based Lab Reports**
  - EMR with form builders including Templates for all standard specializations
  - 300+ Lab Tests with parameter based edit options incl. gender/age based reference ranges
  - Flexible templating for Radiology and Imaging Reporting
- **Sample Collection and Accession**
  - Collection Center Access, Management and Tracking
  - Sample Collection options
  - Sample Accession option with bulk bar-code generation rules
  - Home collection options with OTP verification
- **Patient History, Vitals and Patient Charting**
  - Single Patient Record view across all departments
  - Track vitals & lab results across multiple tests / visits graphically
- **Other features**
  - Action Plan creation for chronic disease patients for repeat tests and tracking of progress
  - Bulk verification and printing options
- **Specialized EMR and Workflows:**
  - Dental, OBGYN, Pediatrics, HIV, Oncology, Nephrology (Dialysis), Physiotherapy and more

MediXcel: Practice Management features
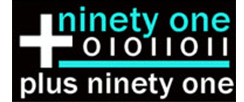
- Appointments and Scheduling
  - SMS Reminders for walk-ins and future appointments
  - Flexible time-slot mapping across providers and teams
- Billing
  - OPD Billing and Multi-Stage Payments with Pending Bills tracking
  - Billing Registers and MIS Reports
  - Membership and Corporate billing options
- Inventory
  - Inflow of Stock: Indent, Delivery, Internal Dept. Allocation
  - Outflow of Stock: Dept. Allocation, Stock Adjustment, Usage
  - Stock Reports and Re-order alerts
- MIS Reports
  - 60+ types of MIS Reports with filters with option to export to MS Excel
  - Statistics panel
- User Access Management
  - Granular access options
  - Audit Trail and Login Instance tracking

# MediXcel: In Patient Management features
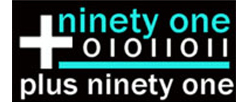
- Room and Bed Management
  - Create and manage your Room , Ward and Beds with rate charts and features
  - Manage end to end Admission – Discharge – Transfer process
- Billing
  - IPD Billing and Multi-Stage Payments with Pending Bills tracking
  - Billing Registers and MIS Reports
- In Patient EMR
  - Track and Chart Vitals and Fluid In/Out
  - Create On Bed Encounters and track Doctor notes
  - Order tests from other departments and see complete reports on a single screen
- Nursing Station
  - Track Prescriptions and Other instructions for each patient
  - Manage and close completed tasks with notes
- OT Management
  - Manage and Track OT schedules
  - Maintain OT stock levels

# MediXcel: Additional features

- Alerts and Reminders via SMS and E-mail

- Internal Chat

- Triggered Engagement programs

- Patient Portal

- Medline Knowledge Base

- E-Health Risk Assessment

- Ticketing Solution

- Direct Sales Agent management

- Android App access to patients

For Governments: Project Architecture
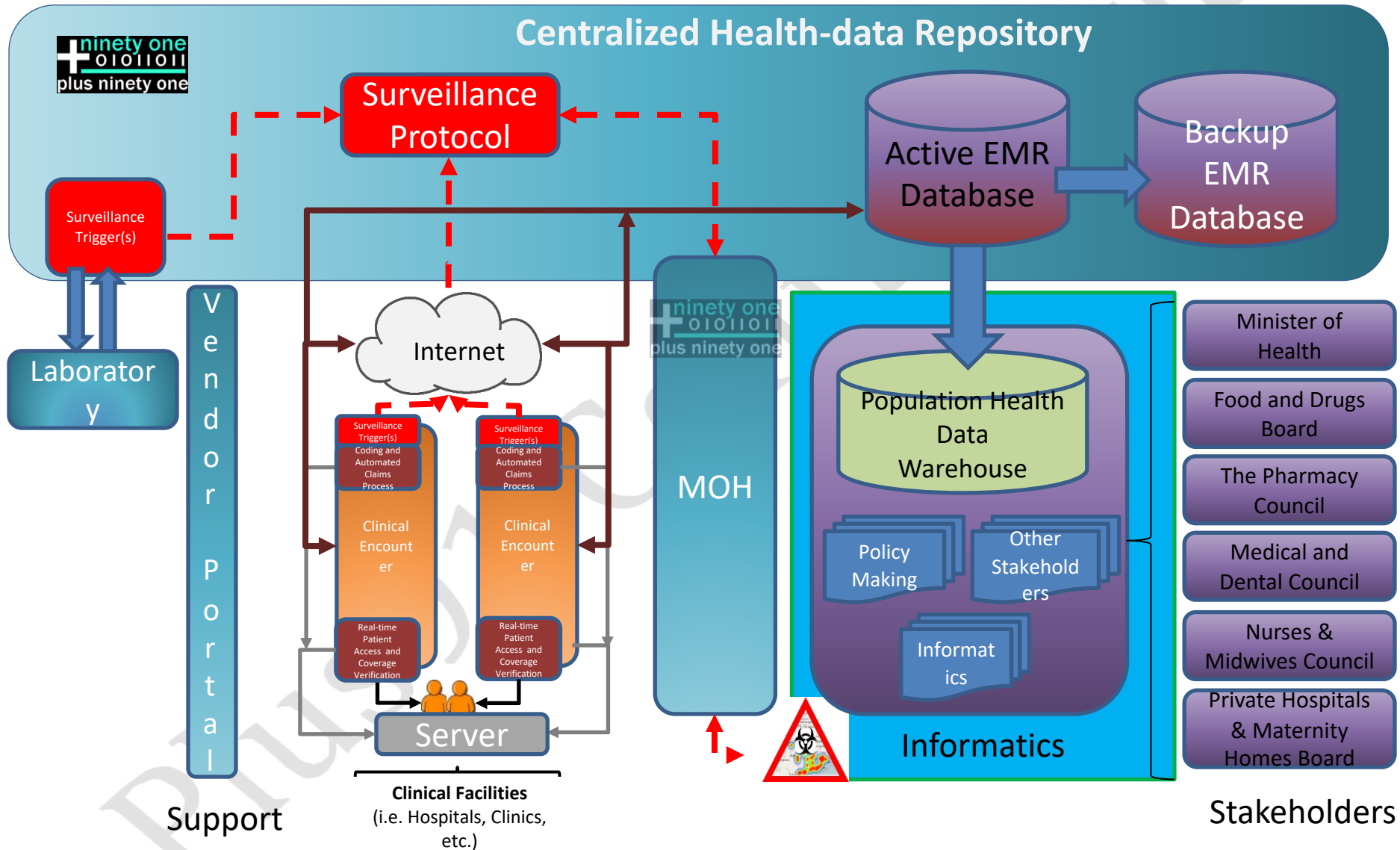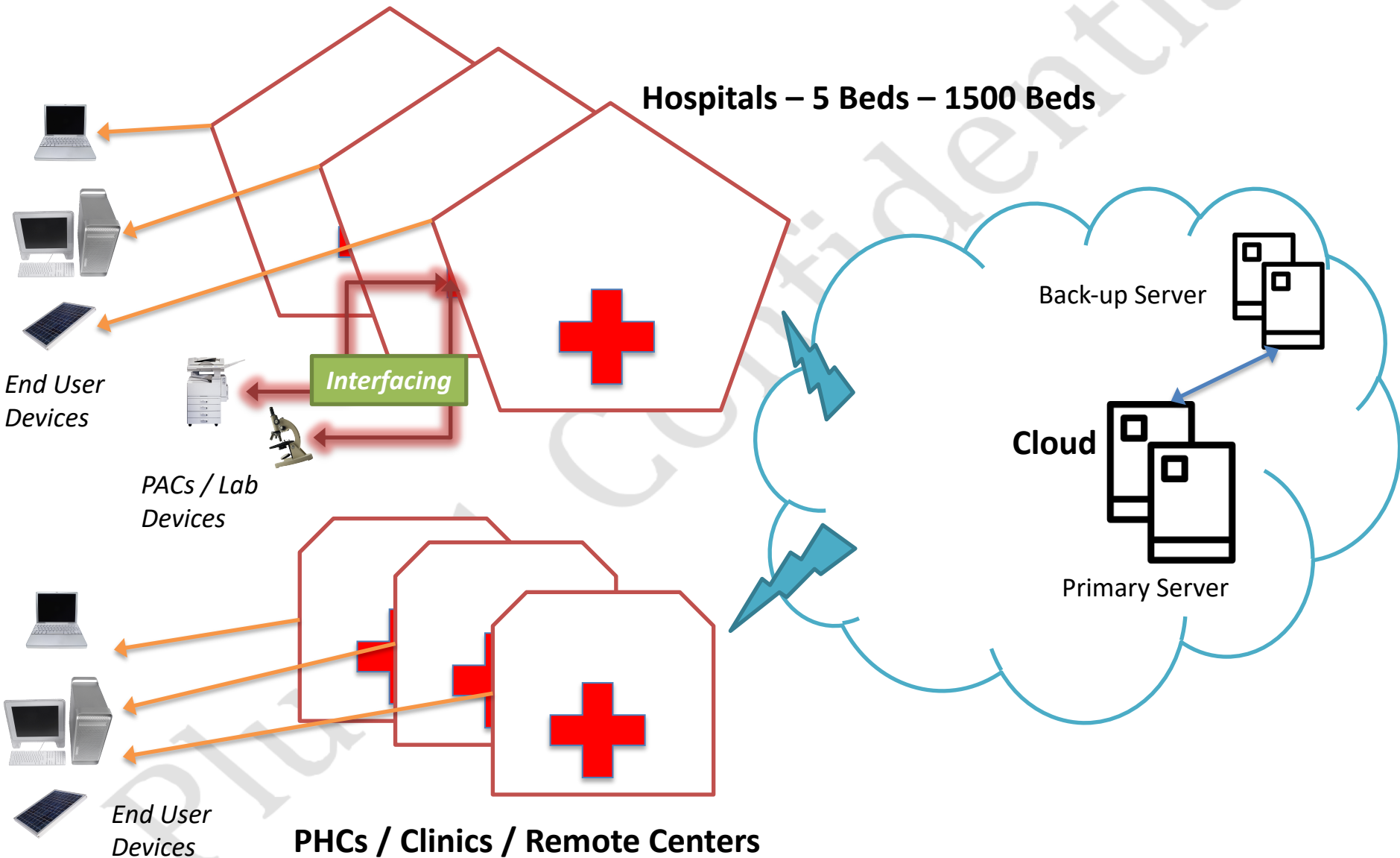
Connectivity Architecture - Local

- If Internet connectivity is not reliable we use the following Architecture

- Each location has its own MediXcel installation

- A central repository syncs data real-time when internet is up

- This way patient information is also available globally when they travel
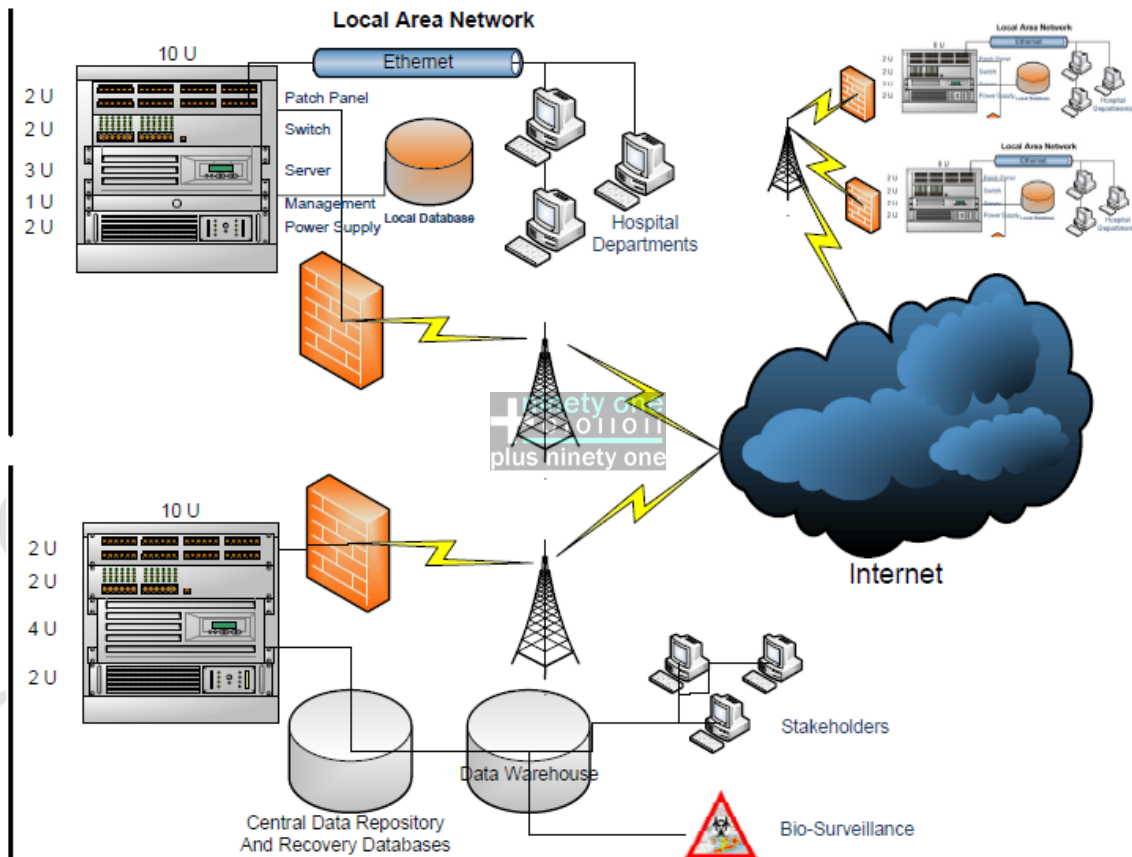
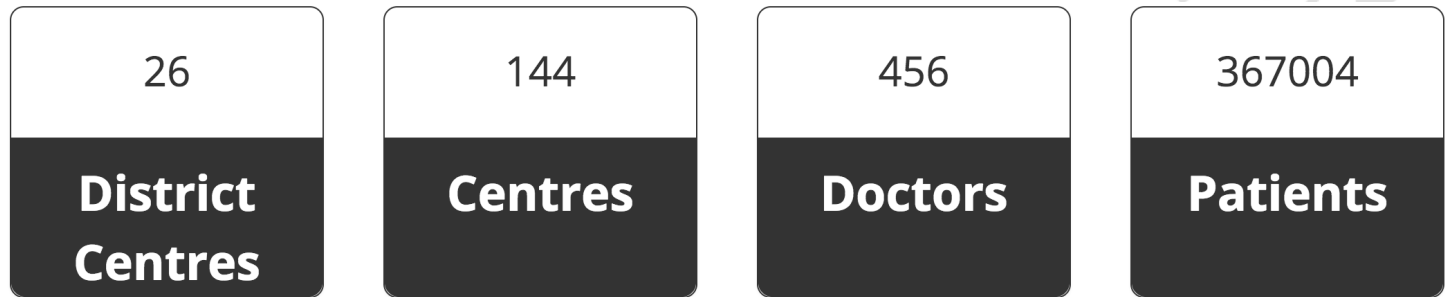# OR Connectivity Architecture – Cloud Based

We can also do a full cloud service if the requirement calls for it

Hospitals – 5 Beds – 1500 Beds

End User Devices

Interfacing

PACs / Lab Devices

End User Devices

PHCs / Clinics / Remote Centers

Back-up Server

Cloud

Primary Server

Centralized Center Management

Menu

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26	144	456	367004
District Centres	**Centres**	**Doctors**	**Patients**

Search 🔍

Usage Analysis

Sr. NO	District Centre	Centre	Network Doctors	Consultants	Patients	Health Record Accounts	Health Record Access	Visits	Last Updated	Status	Manu Mode
1	Centre 1	3	38	49	3943	3944	743	5424	10/16	🟢	Upd
2	Centre 2	7	30	0	86736	86789	251	61294	10/16	🟢	Upd
3	Centre 3	5	6	0	191	192	57	84	10/16	🟢	Upd
4	Centre 4	1	31	0	104	105	0	212	10/16	🟢	Upd
5	Centre 5	2	3	1	9068	9069	4	21	10/16	🟢	Upd
6	Centre 6	20	45	0	236	238	72	202	10/16	🟢	Upd
7	Centre								10/16	🟢	U

MediXcel: National Vaccination Program

- Manage Vaccination based on Centralized chart

- Automated reminders to patients and staff for upcoming vaccinations

- Flexibility in building and maintaining charts based on Date of Birth and fixed vaccination durations

Benefits of Investing in E-health Network
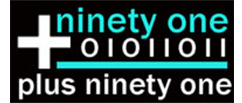
- Compliant with HIPAA Data Protection Laws
- Improved Health Information Reporting Capabilities
- User Driven Input for System Development
- Patient Medical Record Portability
- Enhances National Insurance Patient Eligibility Verification
- Disease Surveillance and Tracking

Disease Surveillance and Tracking

- MediXcel Monitor a Module of MediXcel allows you to do analysis and real-time tracking on Medical data generated from each center

- MediXcel Monitor helps you to:
  - Track and Measure Population Health Indicators
  - Do Disease Surveillance for key diseases
  - Setup up Triggers to predict Pandemics in real time
  - Monitor Disease Spread and find Patient Zero
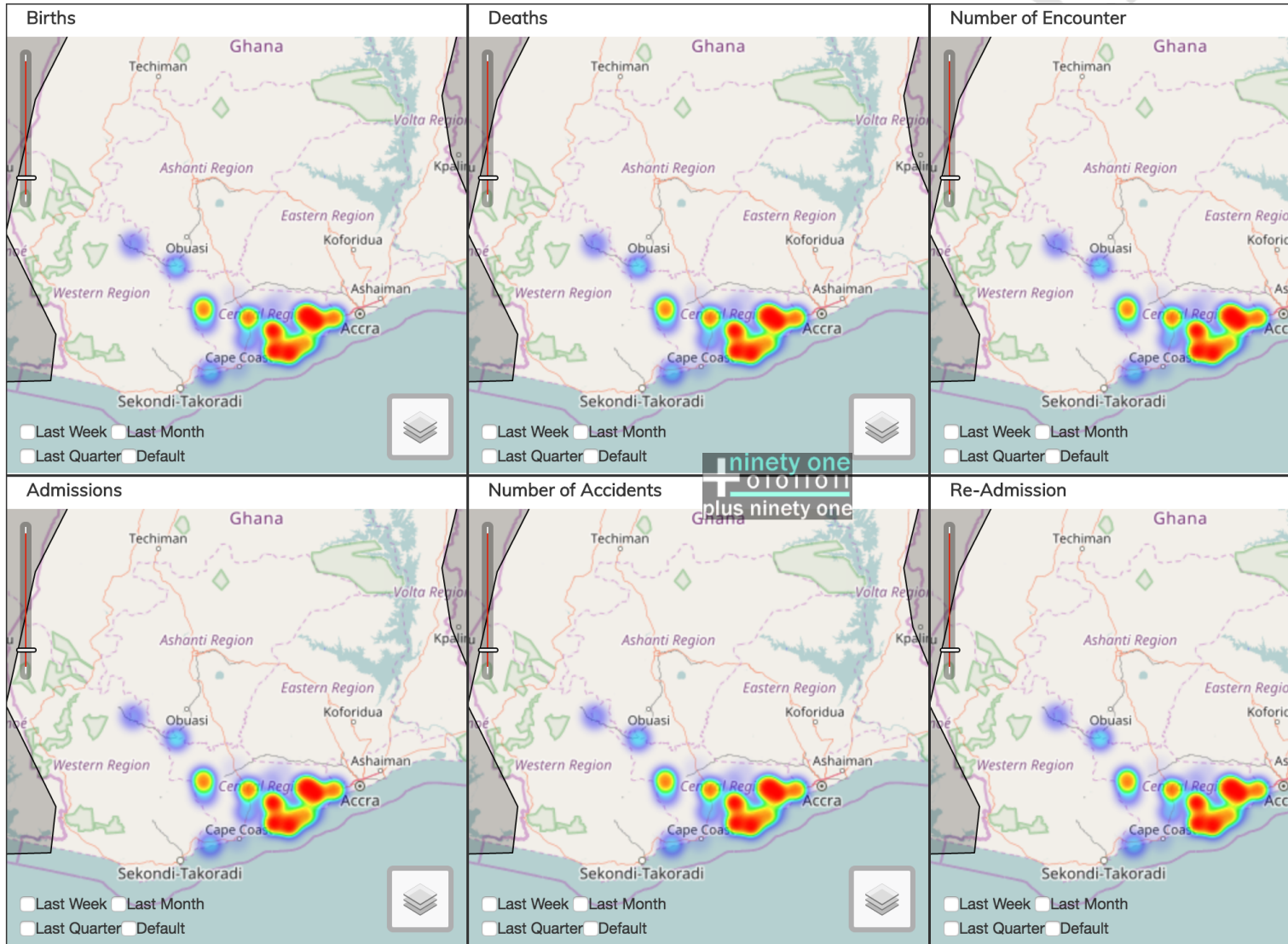 - Build Custom reports based on ICD-10 codes, symptoms, medications and more

Population Health
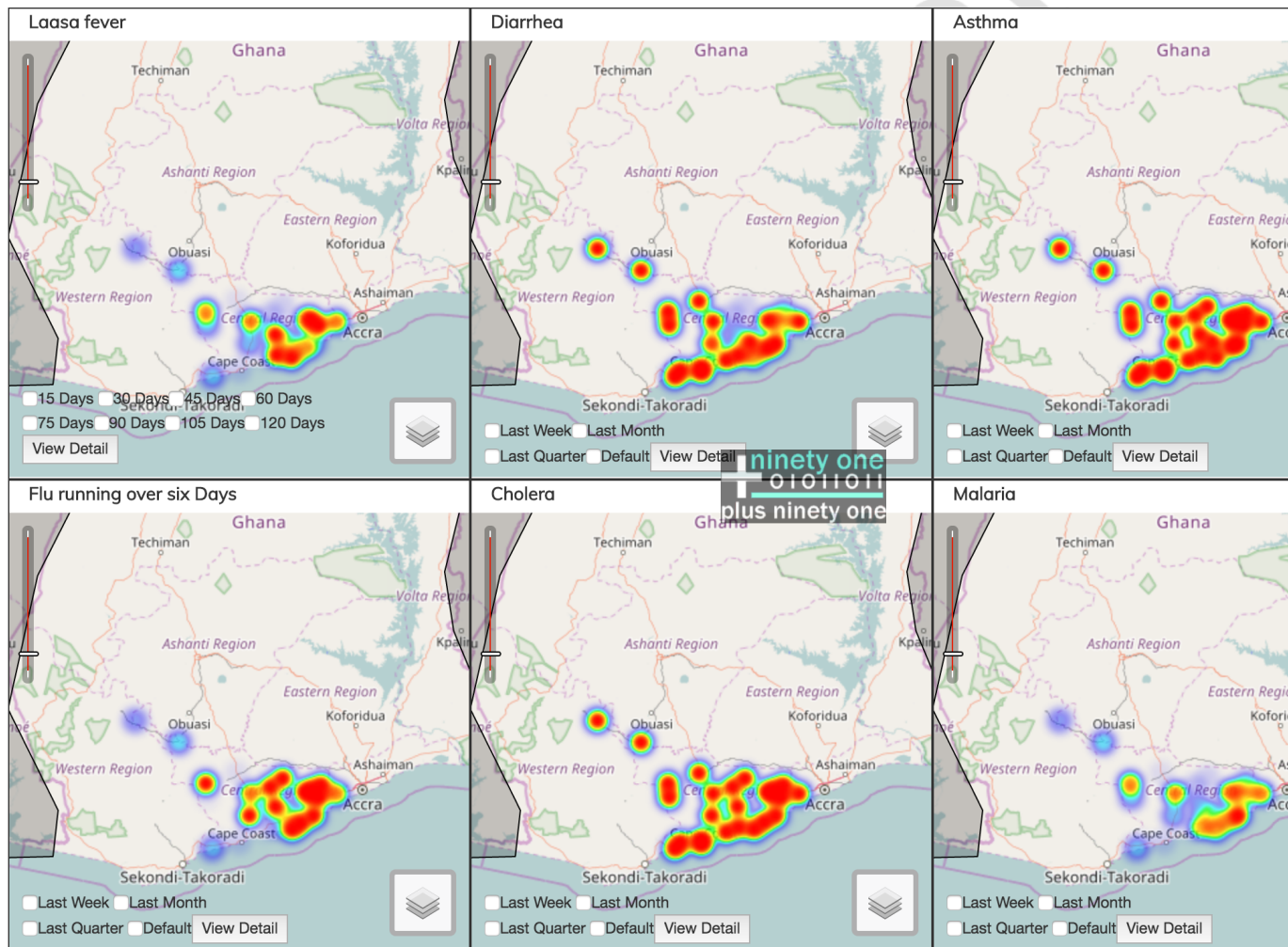
- ## Real time tracking of indicators on a Heat Map
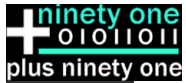
Disease Tracking

- Real time tracking of cases at each location on a Heat Map

Thanks for Viewing this Presentation

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