



## MediXcel For Mobile Clinics

## What is Medixcel?

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- Medixcel is a Medical IT Platform with a modular structure
- Commercially available since 2013
- Includes a core functional set of features
- And multiple plug and play modules
- Quarterly release cycle – New Add-Ons and Bug fixes are released

# What Applications can MediXcel power

Facility/Hospital Specific	Enterprise/Ministry Level
<ul style="list-style-type: none"> <li>• Tertiary Care EMRs</li> <li>• Primary Care EMRs</li> <li>• Patient Portals and PHRs</li> <li>• Reminder and alerting services</li> <li>• Mobile Apps for Data Collection and Analysis</li> <li>• Staff Training</li> <li>• Clinical and Business Dashboards</li> </ul>	<ul style="list-style-type: none"> <li>• Nationwide EMRs</li> <li>• Health Program Management System (e.g Maternal Care, TB, etc)</li> <li>• Disease/Bio Surveillance (Basic and Advanced)</li> <li>• Health Insurance Systems</li> <li>• Healthcare Logistics Management</li> <li>• Centralized Population Health Dashboards</li> <li>• Mobile Apps for Data Collection and Analysis</li> <li>• Health worker Training</li> <li>• Adverse Drug Reaction Reporting</li> <li>• Front line worker toolkits</li> </ul>

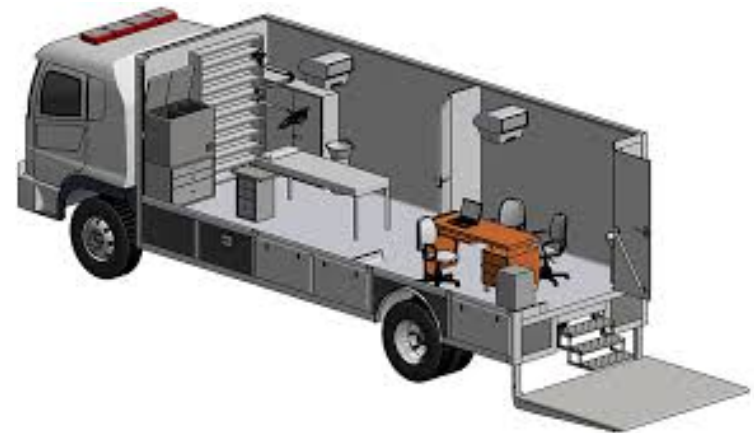
## MediXcel – Technical Flexibility

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- 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 a component driver architecture which permits both technical as well as business scalability.
- This allows the platform to be flexible to manage both the needs of a small diagnostic center as well as the entire healthcare system of a large country.

## Mobile Clinics

- **Mobile clinics** are customized vehicles that travel to the heart of communities, both urban and rural, and provide prevention and **healthcare** services where people work, live, and play.
- Mobile clinics offer flexible and viable options for treating isolated and vulnerable groups.
- They overcome barriers of time, money, and trust, and provide community-tailored care to vulnerable populations.
- The demand for mobile units keeps rising.



## Mobile Clinics – Typical Operational Requirements

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- Typical Mobile Clinic workflows include
  - Walk In patients (Instant Scheduling)
  - Clinical Encounter which includes
    - Capturing Complaints
    - Patient History
    - Diagnosis
    - Note Talking
    - Prescribing Medicine
    - Discussing Follow Ups
  - Dispensing of Medicine as per Prescriptions
  - Patient Information
  - Daily Reports on Utilization of the clinic
- Mobile Clinics may or may not have uninterrupted internet access

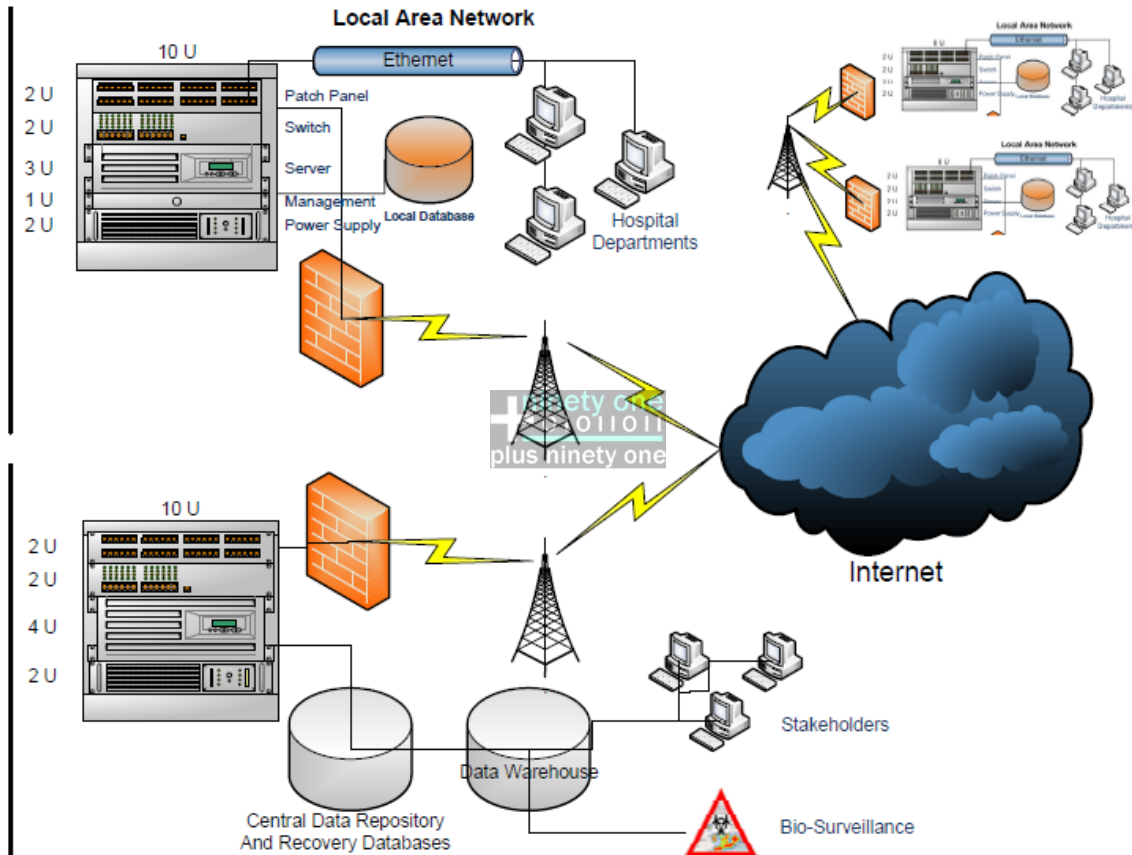
## MediXcel Lite for Mobile Clinics - 2

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- MediXcel is an apt choice to be deployed to solve the clinical and operational software needs for Mobile Clinics.
- MediXcel Lite is a version of the MediXcel platform which is best suited for poor internet environments.
- It is best available as a Tablet/Mobile only solution, but it also can be deployed as a web or desktop version
- It operates predominantly in offline mode and can push information to a central server when internet is available, on demand.
- It also allows data to be downloaded in an encrypted format to a pen-drive and then uploaded onto the centralized data server.

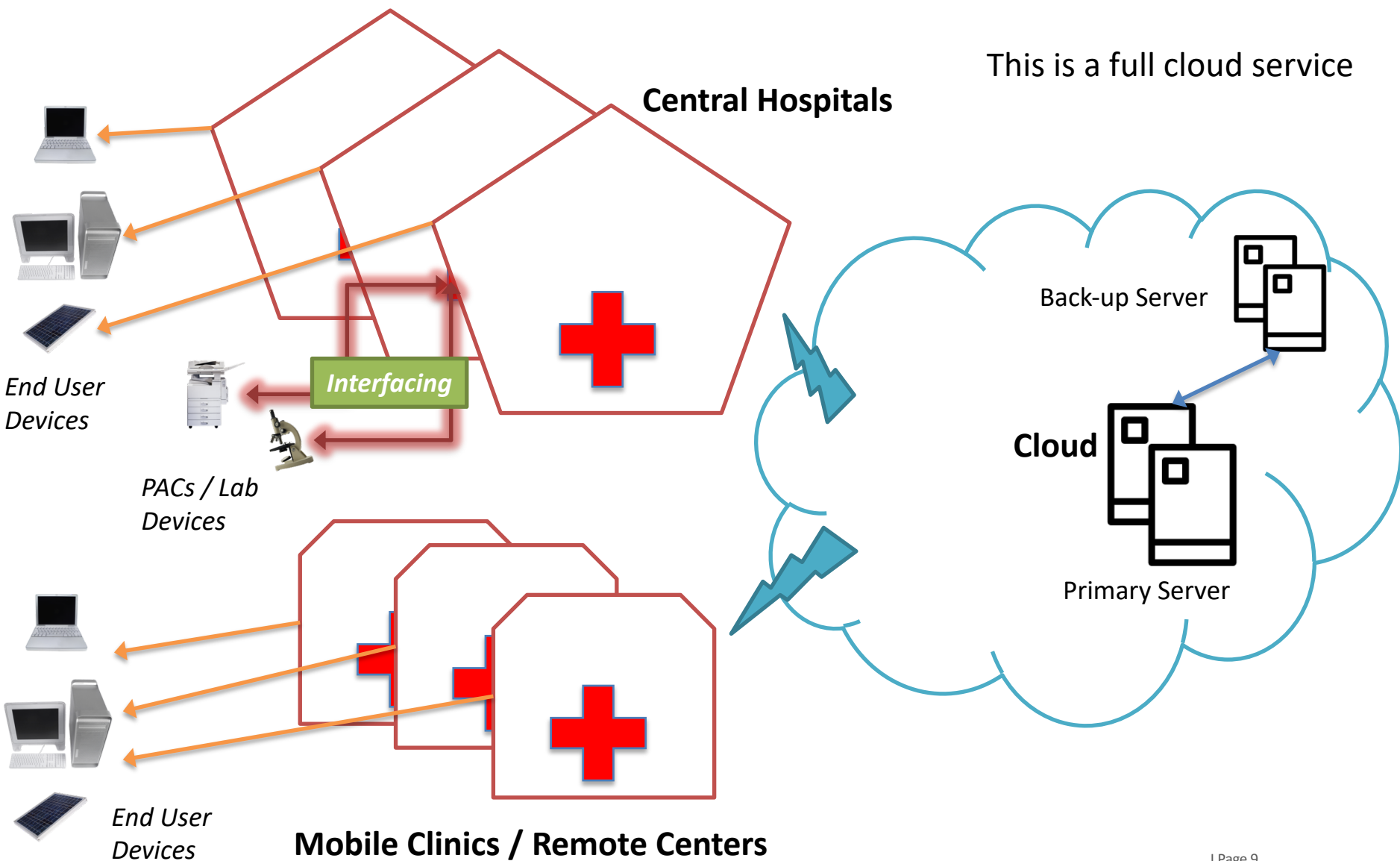
## Connectivity Architecture – Local Stores

- 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

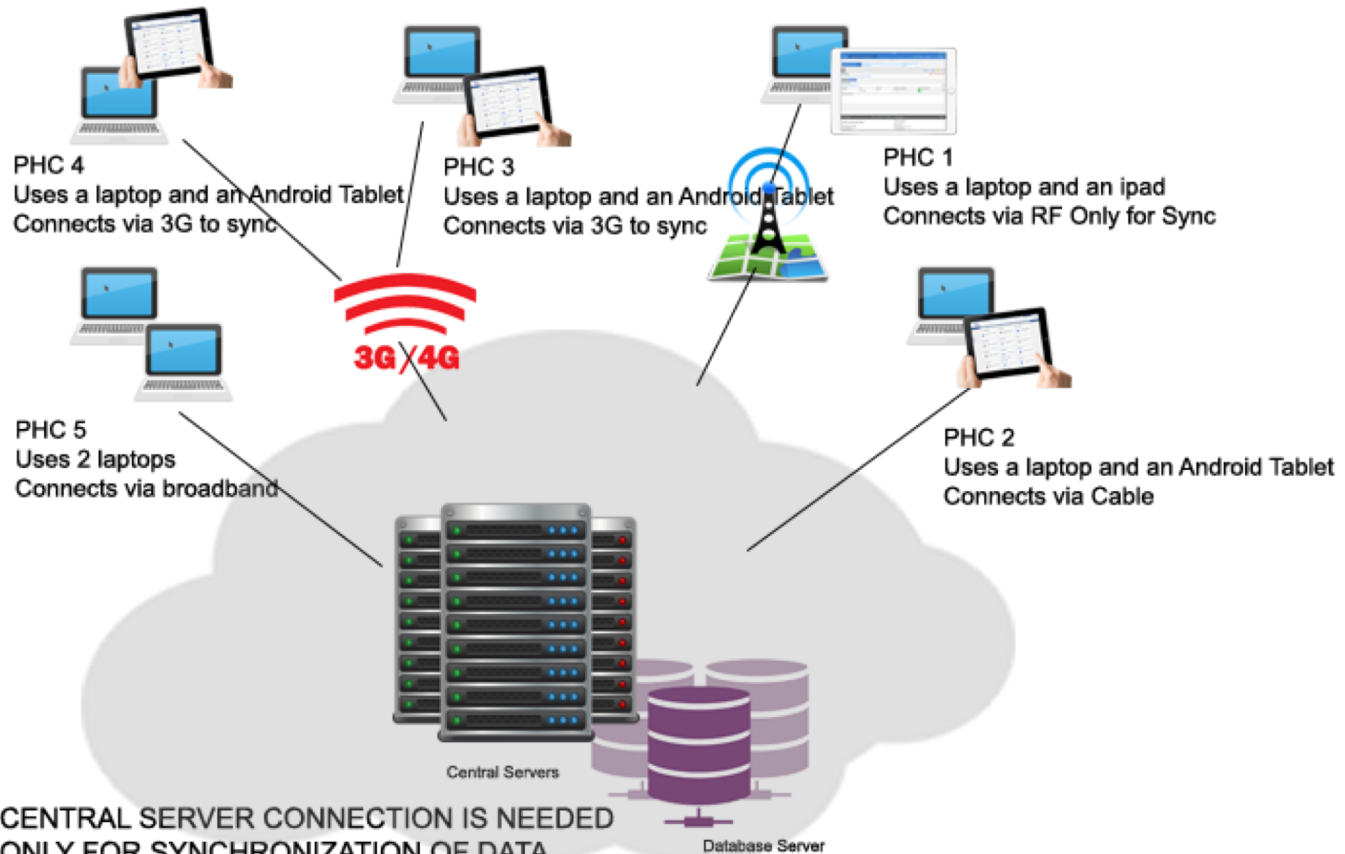




# OR Connectivity Architecture – Cloud Based



# Connectivity Architecture – Mixed



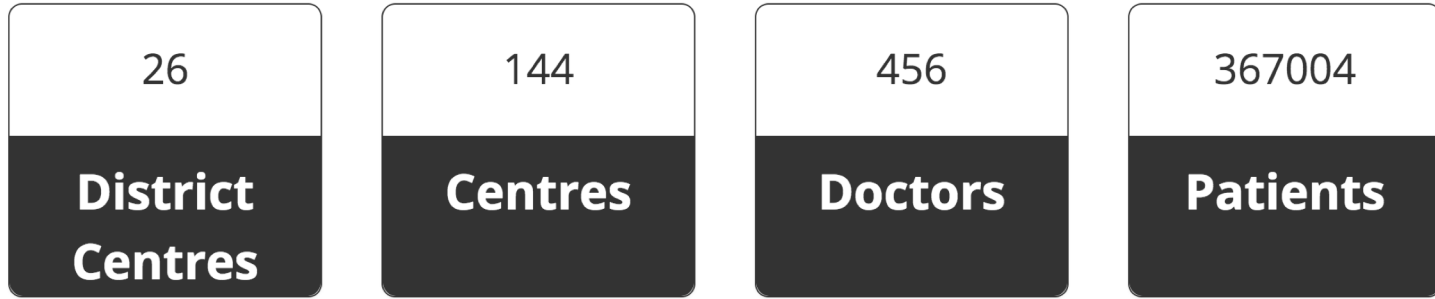
**CENTRAL SERVER CONNECTION IS NEEDED  
ONLY FOR SYNCHRONIZATION OF DATA,  
PUSHING DATA IN OTHER STATE SYSTEMS  
AND UPDATES TO DECISION SUPPORT WORKFLOWS**

**NO CONNECTION TO SERVER IS REQUIRED  
FOR PHC SYSTEM FUNCTIONING**

# Centralized Dashboards - Example

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## 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
-	Centre	.	-	-	-	-	-	-	-		...

## System based on MedixcelLite

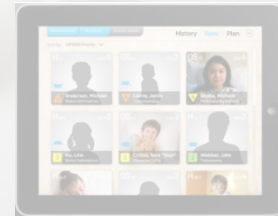
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- Mobile/Web Based Lightweight solution
- Add Patient, Manage Patient Data
- Depending upon Case, Take complaints/symptoms and/or progress notes
- System assisted observations and preliminary diagnosis
- System assisted recommendations for tests and further check ups
- Prescriptions
- View/Print Case History
- Centralized Reporting Dashboard

# Budgeting

Budget Head	Budget	Remarks
Software Setup – Centralized System – License fee	Rs 75000 + Taxes one time	
EMR System – Desktop/App License fee	Rs 20000+ Taxes per year per van	Includes both android app as well as windows desktop installation
Deployment Costs	TBD	This is ideally Rs. 0 for a straight forward deployment. In case of a deployment requiring multiple revisions to the screens, the Customization fee listed below will come into effect.
Support and Training	Rs 15000 for one time provision of video training manual	In case in person training is required, Client will pay a training fee of Rs. 25000 per day plus train/air travel costs
Hosting	Rs. 18000 per year plus taxes	If you wish to use your own server, this price will be 0.
Customization	Rs. 145000 plus taxes per man month OR Rs. 10000 plus taxes per man day	Additional customization to the application besides the agreed workflow will be billed at this rate.

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