



# Aptcare-P Overview

Presented by  
**Aptsource Software**

June 2015

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# Healthcare Landscape : the complexities



**Evolving Regulatory Landscape**



**New Research Findings**



**Emerging Technologies**



**Revised Compliance Mandates**



**Diverse Practices**



## What It Means ...



➤ Today's HIS needs to be built to keep pace with such changing trends in the most efficient way...



➤ The Healthcare practitioners no longer require static products but adaptable solutions that can evolve and grow supporting new trends and practices ..

# Primary Issues Plaguing Leading HIS and Practice Management systems



Constraints in adaptability ; implementation of changes are effort intensive and time consuming ..



Pre-defined processes guided by assumptions



Rigidly implemented workflows, limited configurability of variables.



Challenges with interoperability



# Key Feature Highlights

- ▶ **Administrative**
- ▶ **Care Delivery And Clinical Documentation**
- ▶ **Clinical Decision Support**
- ▶ **Interoperability & Security**
- ▶ **Reporting**

## Administrative

### Registration & Scheduling

- ✓ Ambulatory Registration
- ✓ Scanned Document upload
- ✓ Appointment scheduling
- ✓ Multi-resource scheduling
- ✓ Service scheduling

### Billing

- ✓ Charge Capture
- ✓ Fee Schedules
- ✓ Charge Algorithms
- ✓ Invoicing and claims file generation

### Patient Portal

- ✓ Patient Self-Registration
- ✓ Appointment Booking
- ✓ Secure Messaging
- ✓ Privacy configurations
- ✓ Medication reminders

✓ Scheduling View

✓ Online payments

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## Care Delivery And Clinical Documentation

### Physician Documentation

- ✓ SOAP Note
  - ✓ Image Integration
  - ✓ Clinical Summary
- Integration

### Orders

- ✓ Laboratory Orders
- ✓ Prescriptions

### Laboratory

- ✓ Laboratory Orders
- ✓ Laboratory Tests result upload

### Clinical Documentation

- ✓ Allergies
- ✓ Care Plan
- ✓ Clinical Summary
- ✓ Immunization History
- ✓ Image Management
- ✓ Lab Result Viewing
- ✓ Medical History
- ✓ Problem List
- ✓ Procedure List
- ✓ Surgery



## Clinical Decision Support

### Medication Management

- ✓ Allergy – Drug Interaction Checking
- ✓ Drug Dose Level Checking
- ✓ Drug–Drug Interaction Checking
- ✓ Duplicate Therapy

### Definitions & Processes

- ✓ Customizable Care Pathway Definitions
- ✓ Reporting



# Interoperability & Security

## Standards

- ✓ HL7
- ✓ ICD-10
- ✓ ICD-9
- ✓ Snomed

## Interfaces

- ✓ Lab Results Inbound
- ✓ Lab Results Outbound
- ✓ Interface Management & Routing

## Security

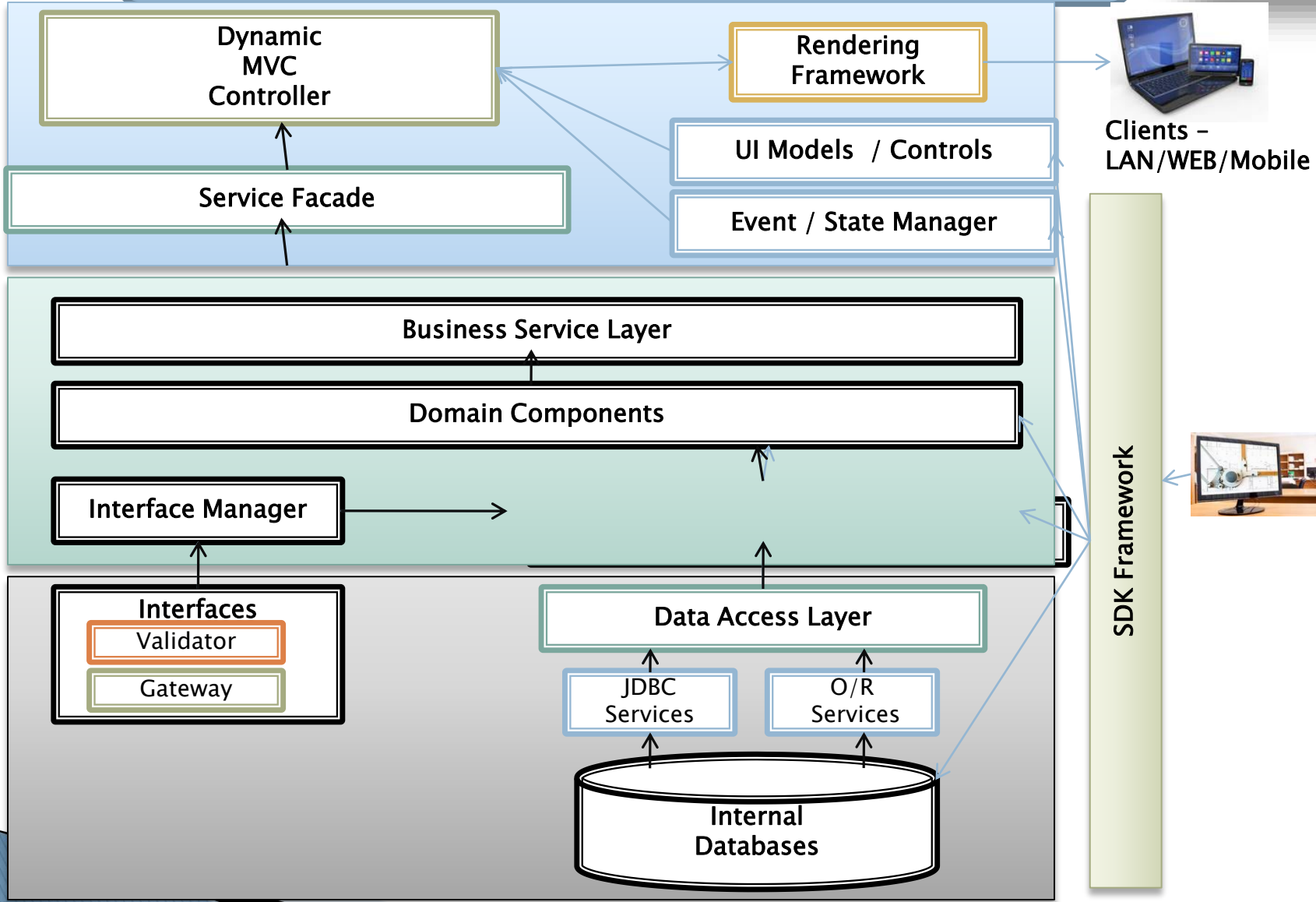
- ✓ Audit trail
- ✓ Role Based Security
- ✓ User Management

# Reporting

- ✓ Adobe Form Support
- ✓ Custom Reports
- ✓ Excel CSV Reports

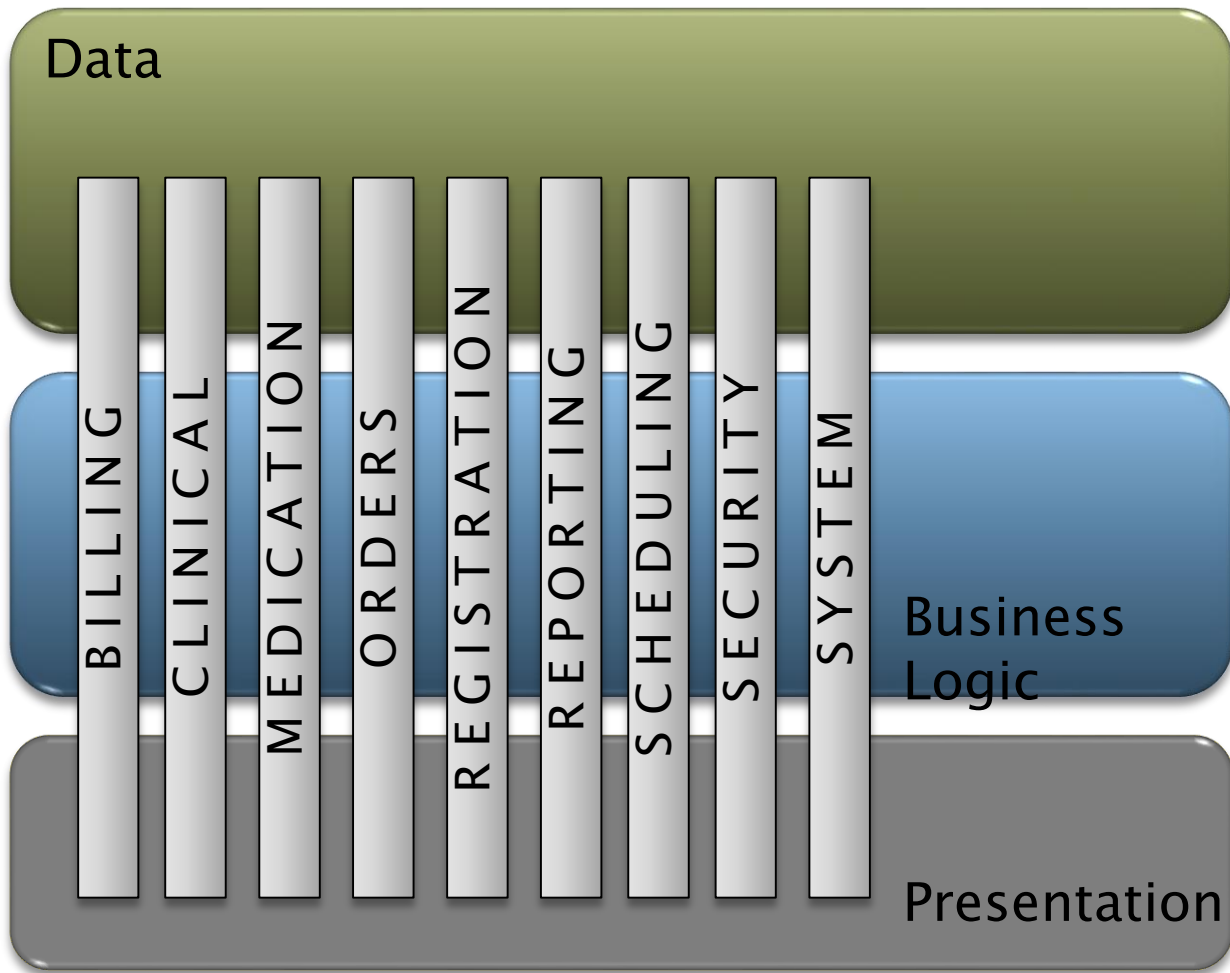


# The Layered Architecture Within





# Service Oriented



Aptcare components / services can be independently carved out as sellable units to provide derivative solutions for specific requirements



# Technologies

JAVA

Oracle/Postgresql  
Scalable , Supports large enterprise application needs



JBoss J2EE  
SOAP WSDL JAX-WS  
UDDI JMX EJB3.0

Hibernate

iReport

Mirth

Eclipse  
JGoodies  
Rhino



**We would be happy to be of service**

