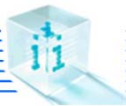


***The Life Sciences Universe™:
A Foundation for Integration in Healthcare & Life Sciences***



Real-Time
Repository Design & Development



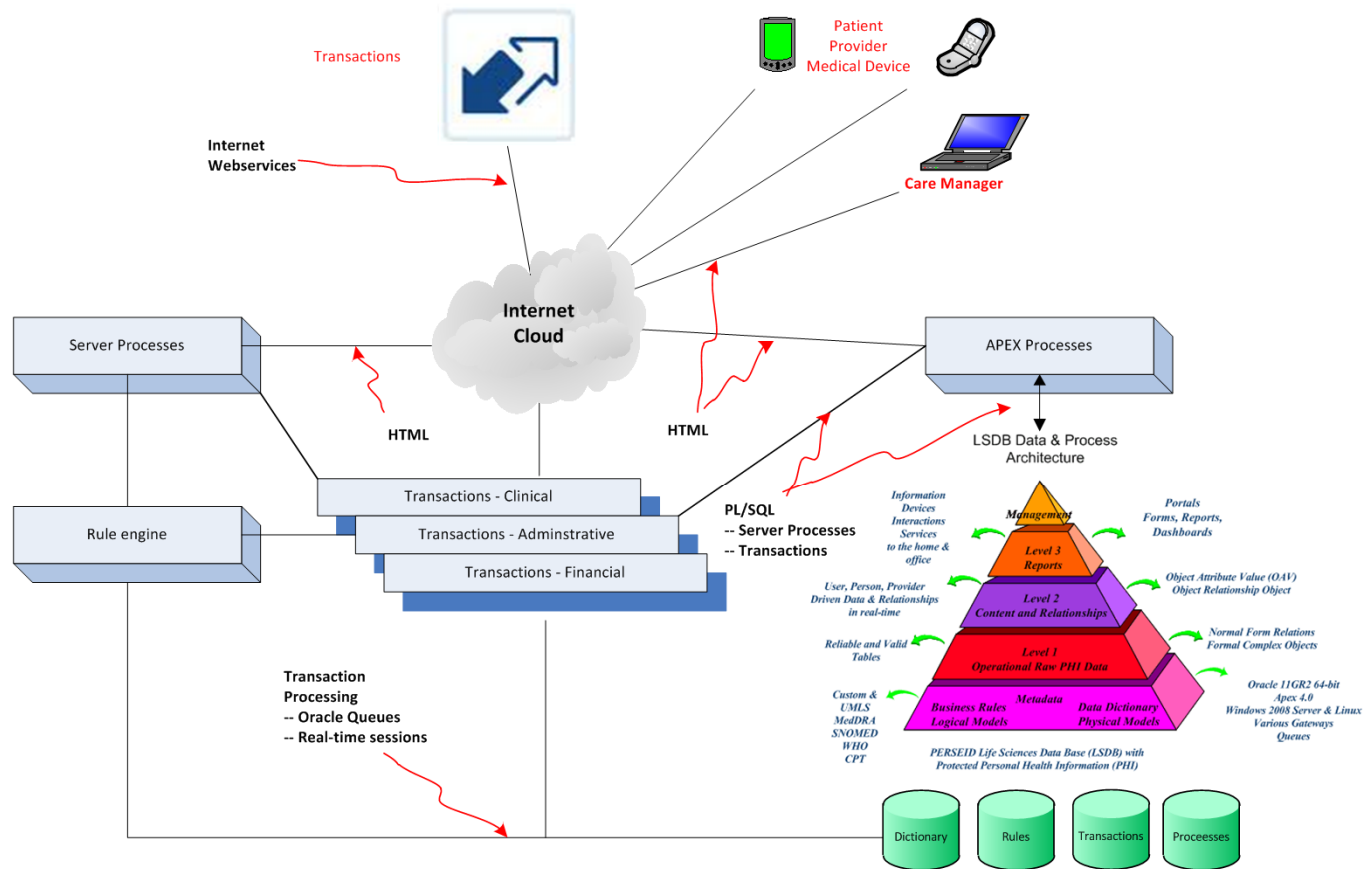
**Integrated Applications,
Vocabulary, Transaction Processing,
Rule Engine & One Logical Database**

Applications

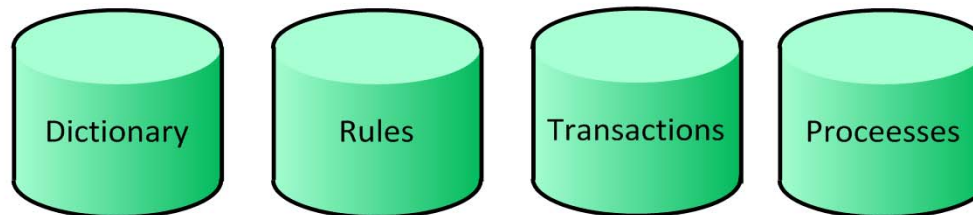
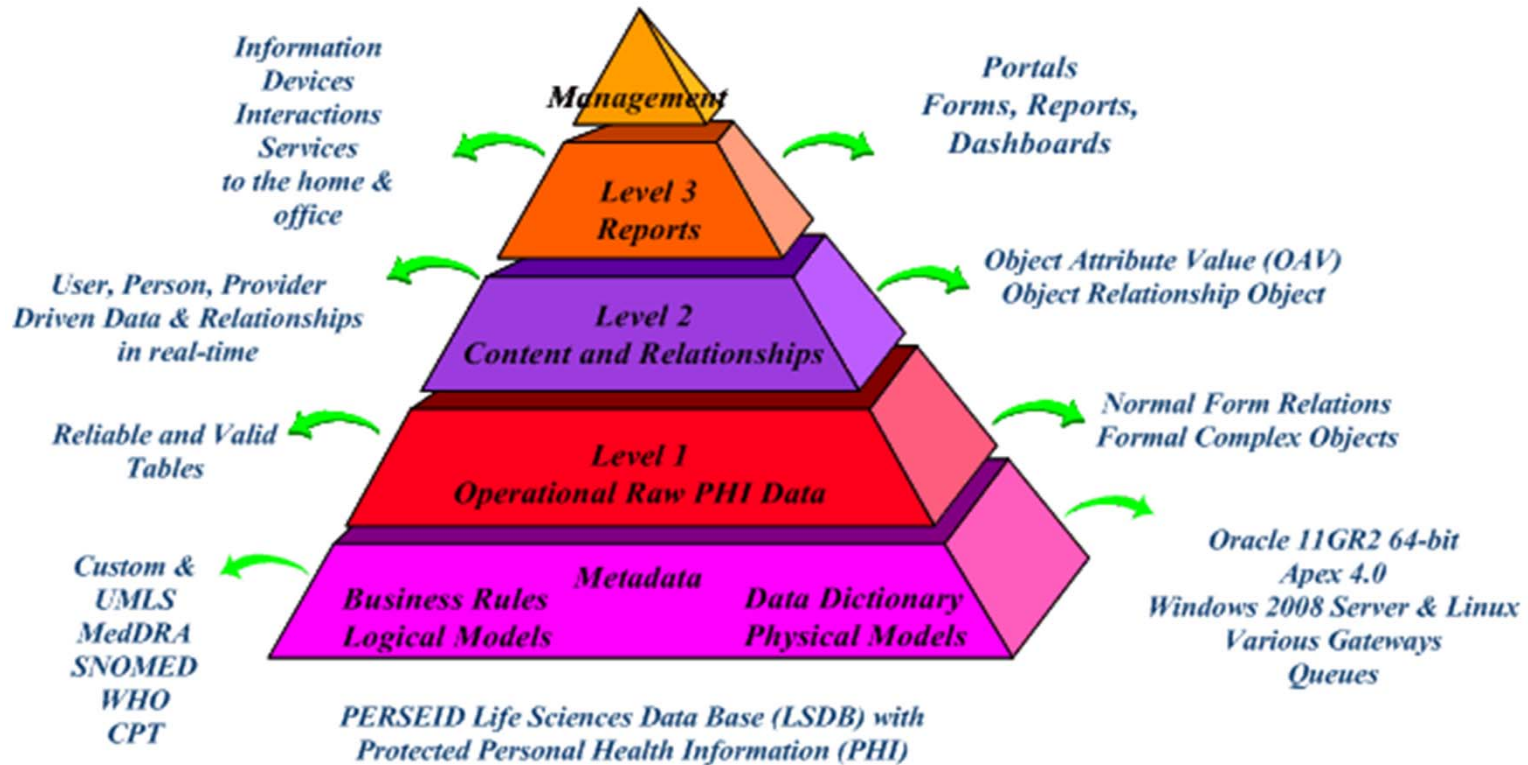
- Analytics
- Case Management
- EMR/PHR/CDR
- Claims & Encounters
- Signal Detection
- UR
- Credentialing
- Reporting & Research
- Messages
- Disease Management
- EAP
- Disability
- Worker's Compensation
- Reinsurance

Oracle Databases

- Real-time and transaction processing
- Central control for all processing
- Single Audit point
- PL/SQL Function Calls
- Transaction Queues
- transactions
- webservices



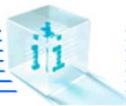
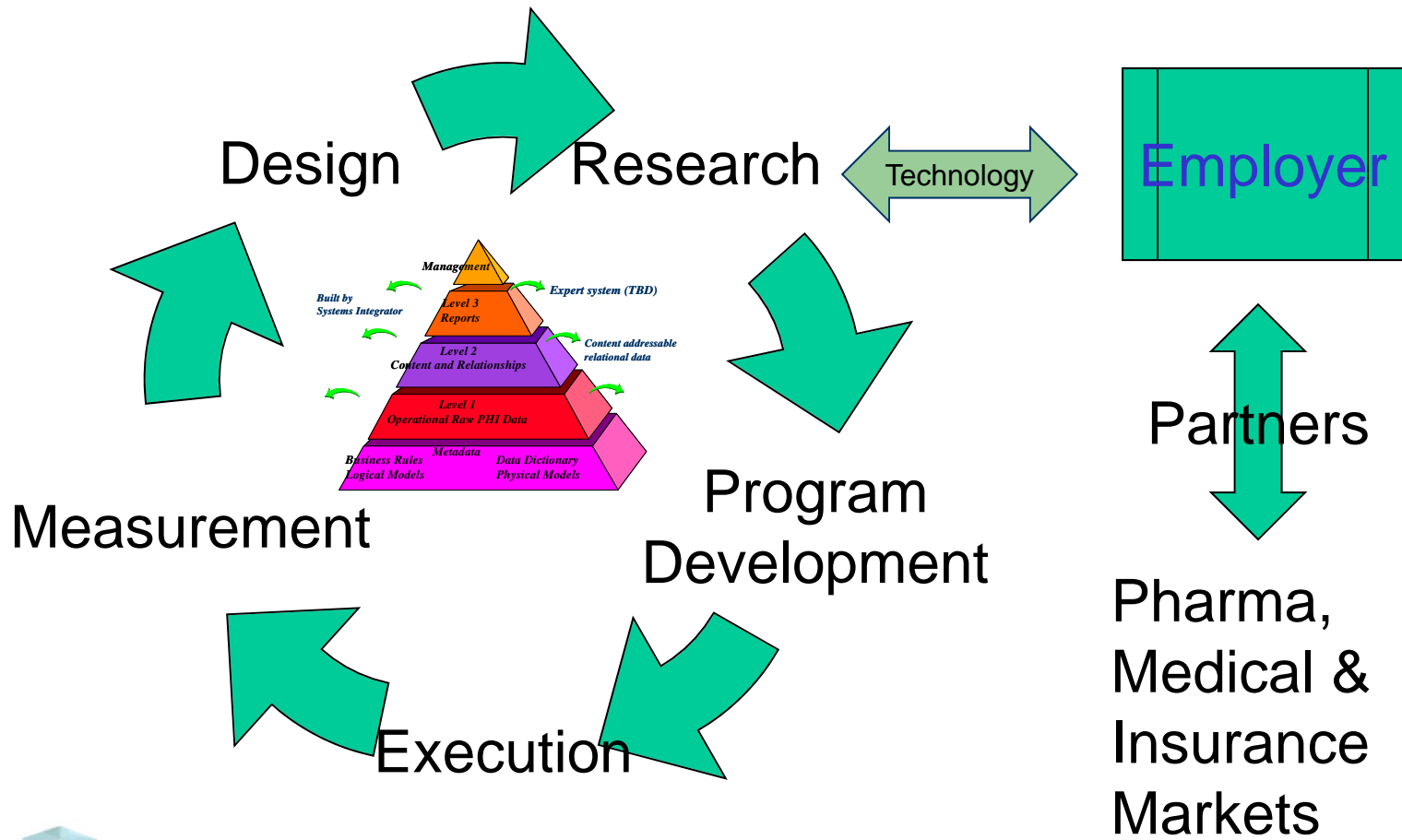
LSDB Data & Process Architecture



- Integrate Encrypted, Blinded, Free Text Data into One System
 - Integrate administrative, financial and clinical data
- Active Repository
 - Analytical architecture combined with classifications and signal detection
- Real-time environment
 - The right care at the right time at the right price at the right place
- Platform for Intellectual Property Development
 - Applications + Databases (125) + Systems Integration Platform
- Highest Degree of line of business integration
 - CDR/PHR/HER + Insurance + Disability + Wellness + Disease Management



Healthcare Program Development Cycle



Perseid Applications

- Wellness & Prevention
- Incident, Case & Care Management
- Patient Care / Patient and Provider Portal
- Online Forums / Clinical Trial Development and Questionnaires
- Online Insurance and Wellness Services and Order Entry
- Document Library with full text indexing and search
- Image Library Management
- Real-time medical sensor data capture (Harvard Code Blue)
- Research (Econometrics/Healthcare Statistics/Six Sigma)
- Claims and Encounters
- CDR/PHR
- Center of Excellence Management



Perseid Applications

- Customer Relationship Management & Billing
 - Uses SaaS model for customers or unique Oracle Instance per client
- Research
 - Device/Pharmaceutical/Exposures/Occupational Health
 - Healthcare Programs & Services
- Integrated Care & Wellness
 - Clinical Improvement Programs
 - Personal Health & Group Health
 - Clinical & Social Services
 - Integrated Case and Incident Management
 - Occupational Health, Safety & Surveillance
 - Disability and Workers Compensation
 - Group Health Insurance and Reinsurance



Perseid Applications

- Integrated Care and Case Management
 - Clinical Data Repository
 - Self-reporting and Personal Health Record
 - Enrolled and non-enrolled service and program creation
 - Order Entry (structured, unstructured)
 - QA/QC/QI Programs, Protocols and clinical sets
 - Metrics, Goals, Objectives and Hypotheses
 - Documents and DICOM Image management
 - Facility management, scheduling and services
 - Center of Excellence Design and Development
 - Remote personal and home data collection
 - Web service interface for device communications
 - Research and Clinical Trial protocol development



Perseid Applications

- Insurance Related
 - Enrolled & Non-enrolled programs and services
 - Inpatient & Outpatient Care
 - Group Health Programs & Personal Health
 - Workers Compensation / Disability
 - Self Insured, Insured and Reinsured Healthcare & Disability
- Sites and Portals
 - Clinical forums
 - Patient forums
 - Full text indexing and searching
 - Remote provider and patient tracking and order entry
 - Patient / Hotel / Facility / Long-term stay family portal



Conclusion

- Combining employer data with the capabilities of Perseid and Partners using the Perseid Software Life Sciences Universe™ as the systems integration and information management platform enables state-of-the-art patient care and clinical improvement for employers and others and instantly launches the Partner into the next generation or “future state” of U.S. healthcare



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