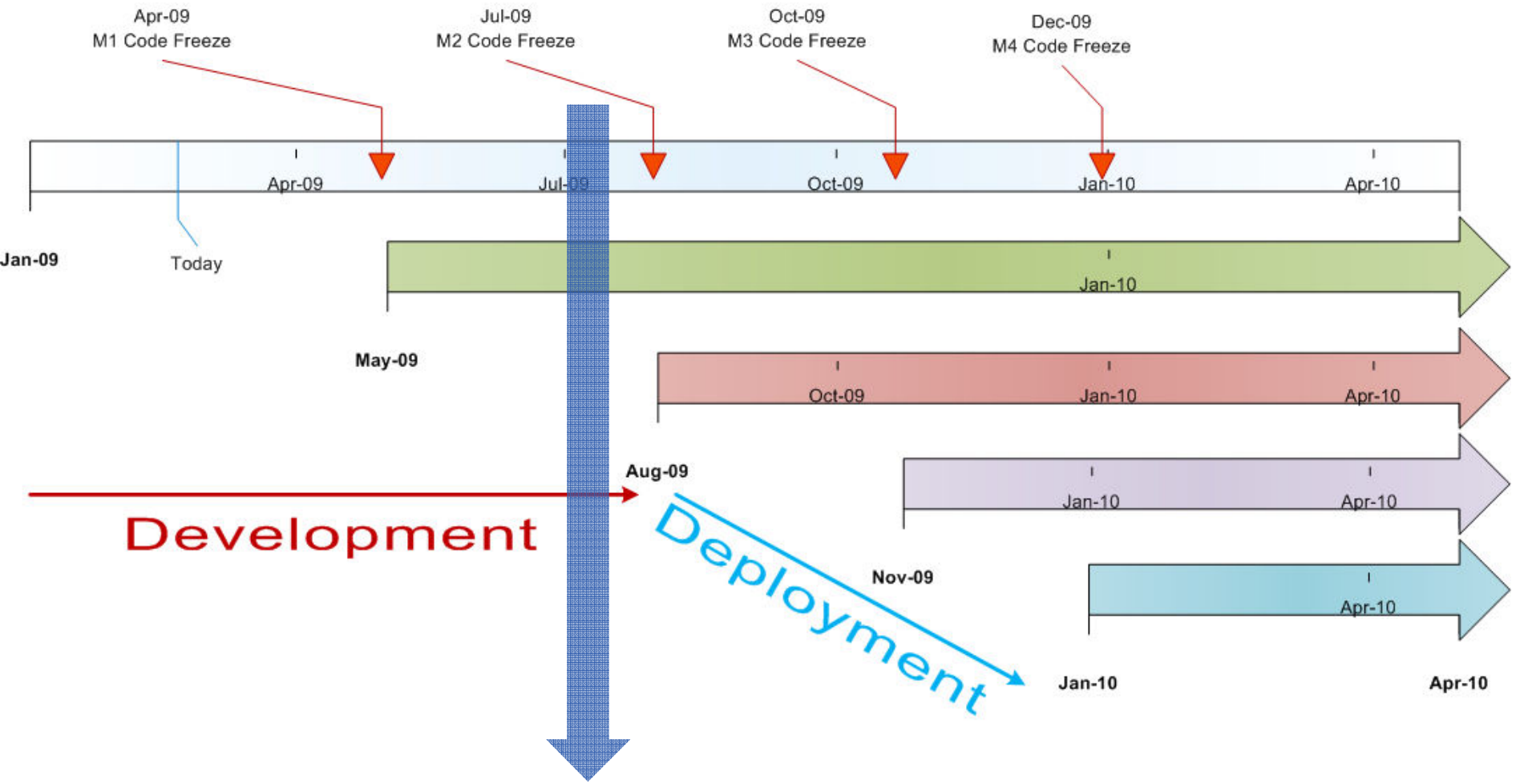
Operational Tools Update

James Casey
GDB
CERN

EGEE and gLite are registered trademarks

Summary of milestone timeline



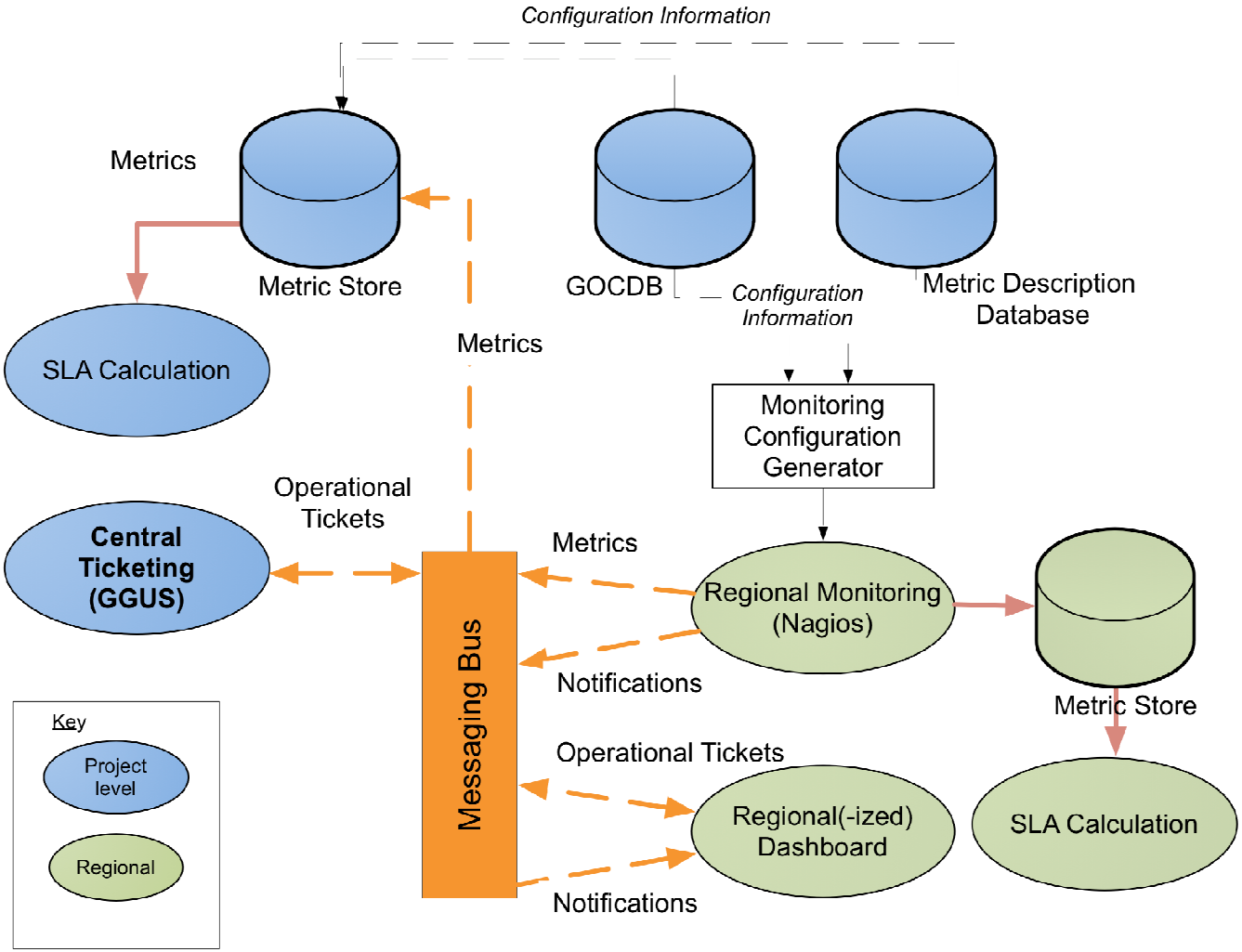
M2 Features Highlights – July 09

- **Regional Dashboard**
  - 'Regionalized' dashboards interfaced with regional Nagios
  - Raising alarms based on Nagios
- **ROC level Nagios based monitoring available**
  - Now publishes to new central metric store
  - Submission framework fully uses ATP
  - Central metric store result visualization (SAM Portal/gridview)
- **GOCDB**
  - Write functions for Programmatic Interface (XML over HTTP) available
    - XML over HTTP API available
  - Prototype interface to new GOCDB4 available
  - First regions deployed communicating with Central project-level GOCDB

M2 Features – July 09

- **GGUS**
  - MSG interface for ticket submission/update available
- **Accounting**
  - Tested ActiveMQ transport with some selected sites
  - Patch submitted for gLite certification
- **QR Reporting Portal (MSA1.3)**
  - Added reports for operations and user support use cases
    - Some still missing (operations.{1,2}, size.2)
- **Configuration repositories**
  - Metric Description Database
- **SLA Calculation**
  - Multiple simultaneous availability calculations for a VO

Data flows from Nagios to Regional dashboard



Interactions between EGEE Operational Monitoring Components

Resources

https://twiki.cern.ch/twiki/bin/view/EGEE/OAT_EGEE_III

- **Architecture and components**
  https://twiki.cern.ch/twiki/bin/view/EGEE/MultiLevelMonitoringOverview

- **Milestone tracking**
  https://twiki.cern.ch/twiki/bin/view/EGEE/MultiLevelMonitoringMilestones