

# LiveMod

from

SciFrame

Collaborative Computing and Application and Data Fusion  
in a Live Data Repository Model.

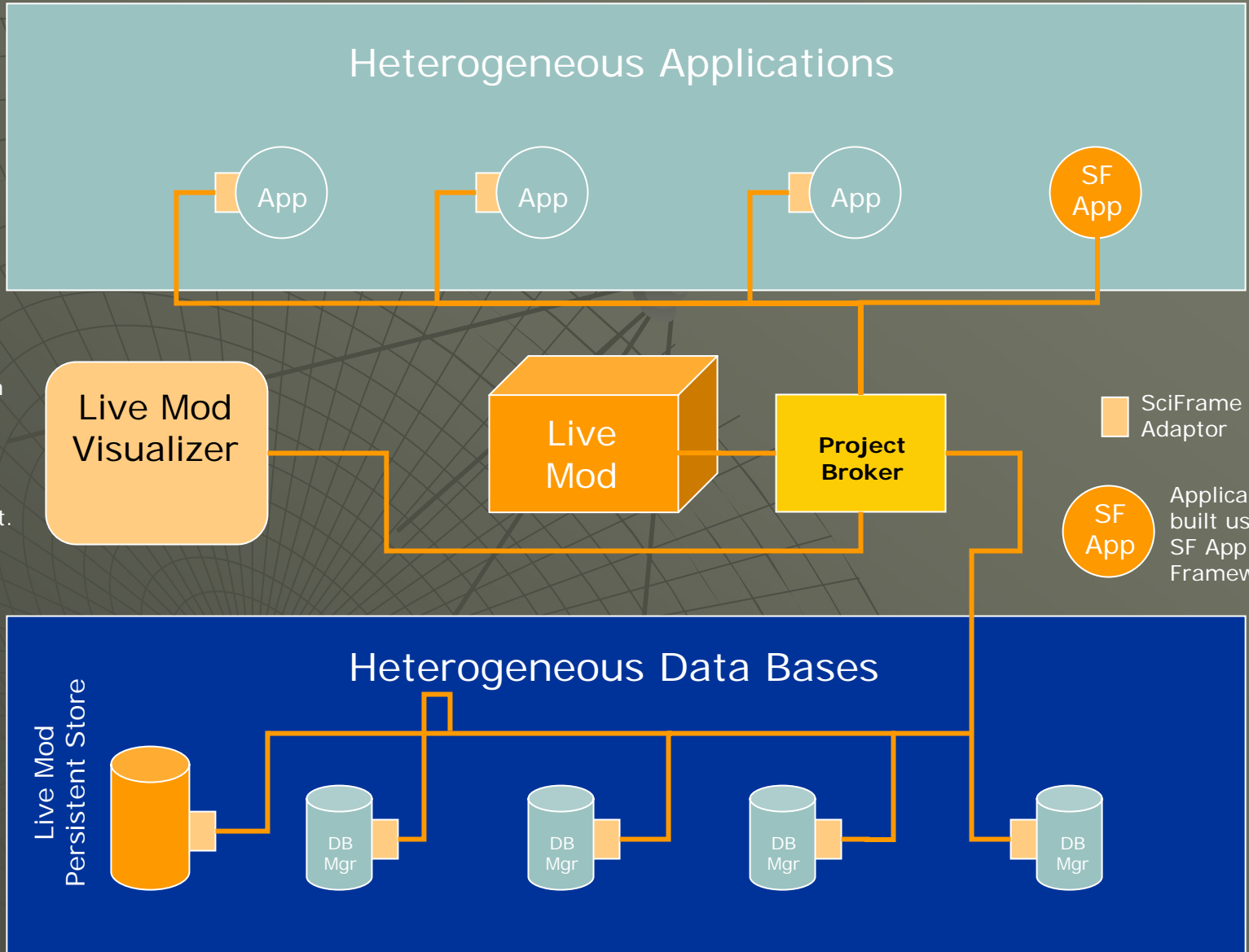


# SciFrame LiveModel

**LiveMod** is fully developed middleware that attaches existing, heterogeneous applications and databases to a collaborative, live model of a company's operations.

As each worker on a team uses their application, their work is captured in LiveMod and merged with the work of the other members of the team – ***regardless of what application or kind of computer they use or where they are using it.***

# LiveMod Architecture



Note:  
Visualization  
could take  
place in the  
SGI Media  
Fusion  
Environment.



# SciFrame's DCSC

LiveMod uses SciFrame technology which has been designed, implemented and tested over the past seven years. Distributed collaborative computing sessions have been demonstrated over the last four years, most recently at SEG 2004 in Denver.



# LiveMod Services

- ◆ The entire set of services needed for this enterprise including authentication, internal passports, event handling, and plug-in services are fully designed, implemented and tested.
- ◆ A specially designed push-push event pump is used to implement the connection between the live model and attached applications which isolates the applications from each other and from the live model. This design has two critical benefits:
  - The (in)efficiency of a given application will not effect the response time of the other applications or of the live model.
  - The live model and the other applications are insulated from a failure of any particular application in the collaborative session.

