

# Outlook for NextGrid project Applications use cases

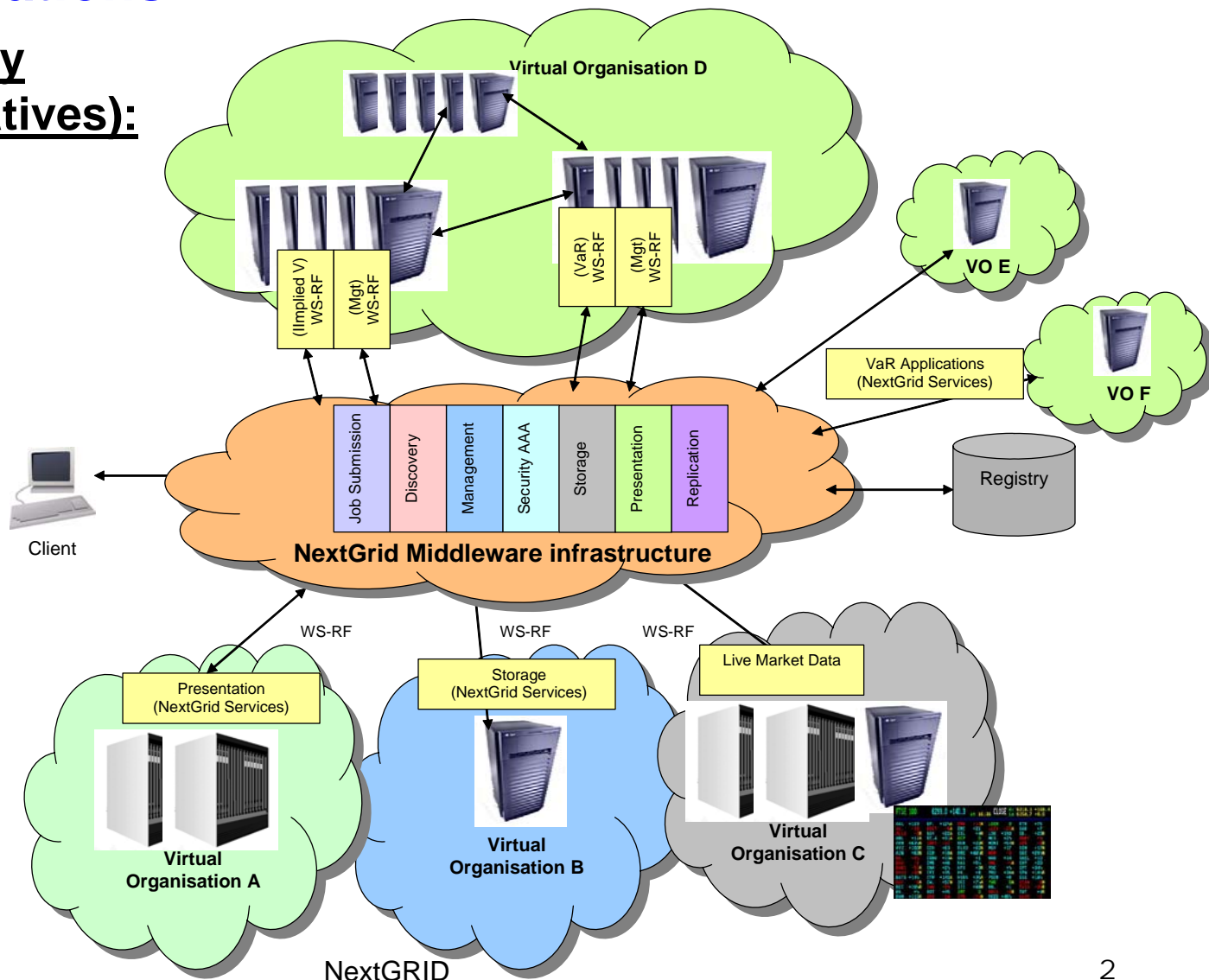
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# Financial Applications

## a) Implied Volatility (QUB, First Derivatives):

Implementation  
uses the data base  
language kdb+ and  
the OpenRiskGrid  
environment based  
on the Globus  
Toolkit (version 3)



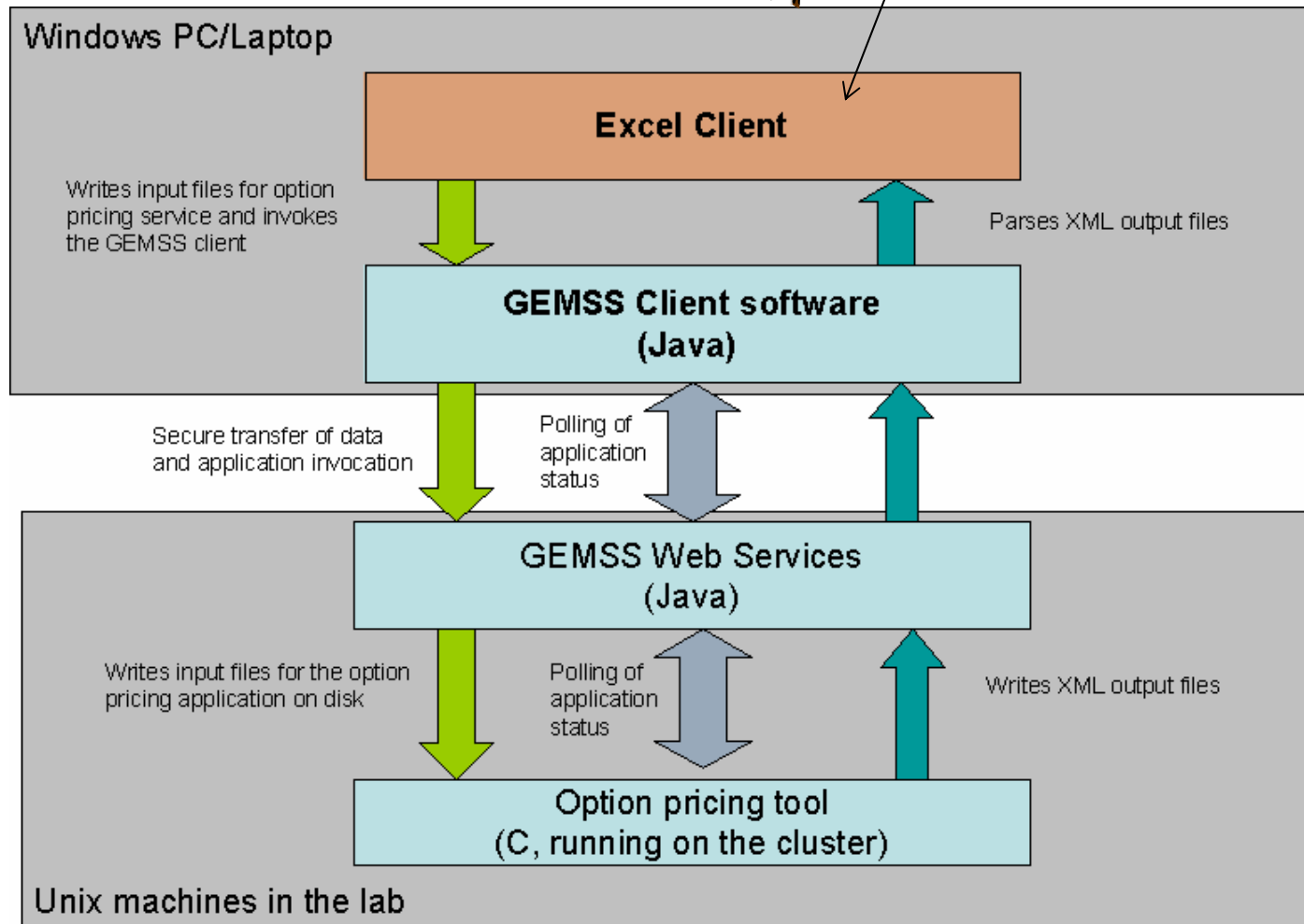
# Financial Applications

## b) Derivative Pricing (NEC):

Implementation  
with GEMSS  
middleware

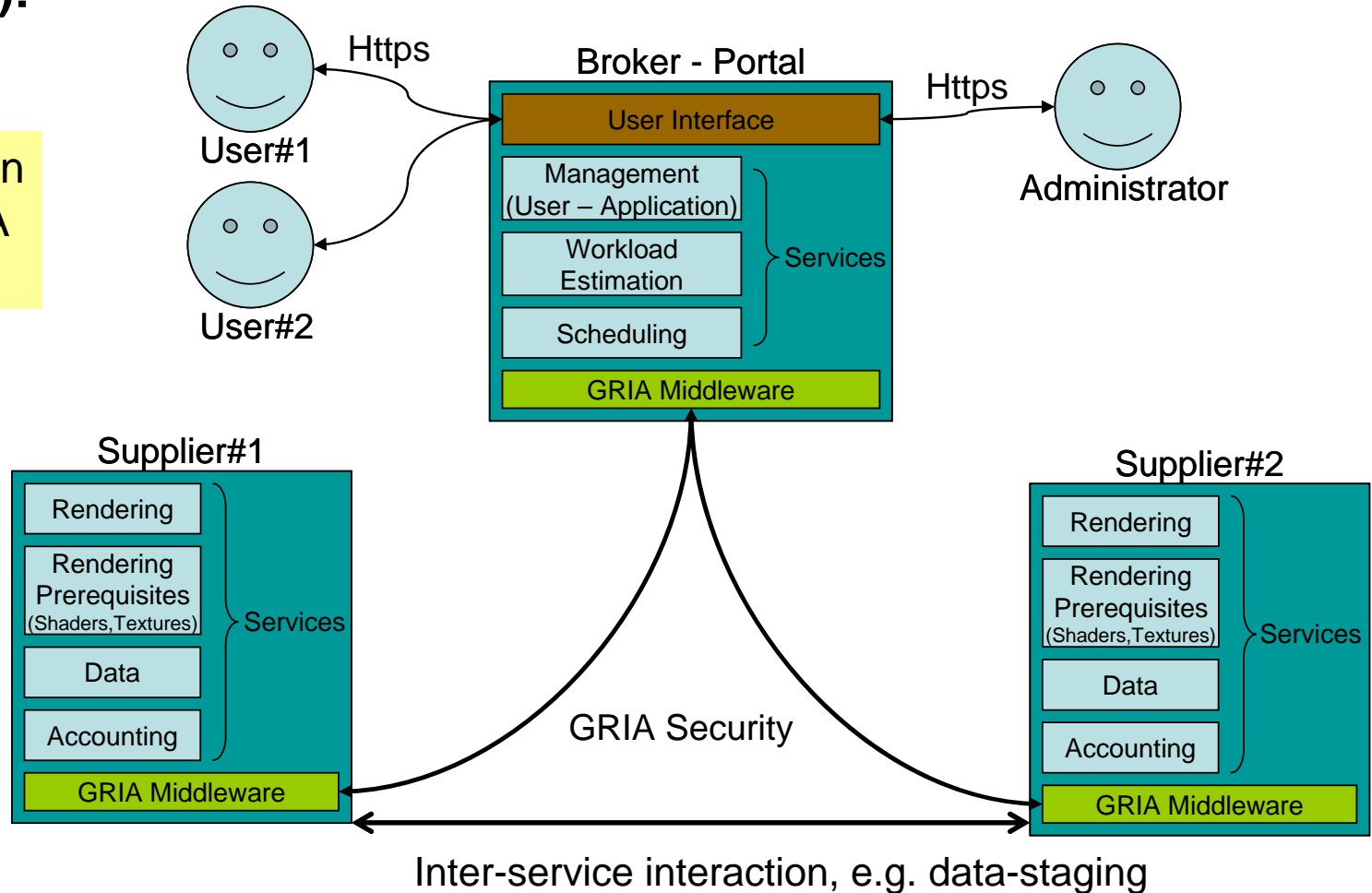


Traders (front-office), Risk Controllers (mid- & back-office)



# Digital Media Applications (NTUA, KINO):

Implementation  
uses the GRIA  
environment



## Supply Chain Management (SAP)

- Currently looking at an initial applications reference addressing the optimisation engine for advanced planning and optimisation (APO System)
- Will require interaction with the SAP Web Application Server
- Initially targetting intra-enterprise use
- “Compute Grid”