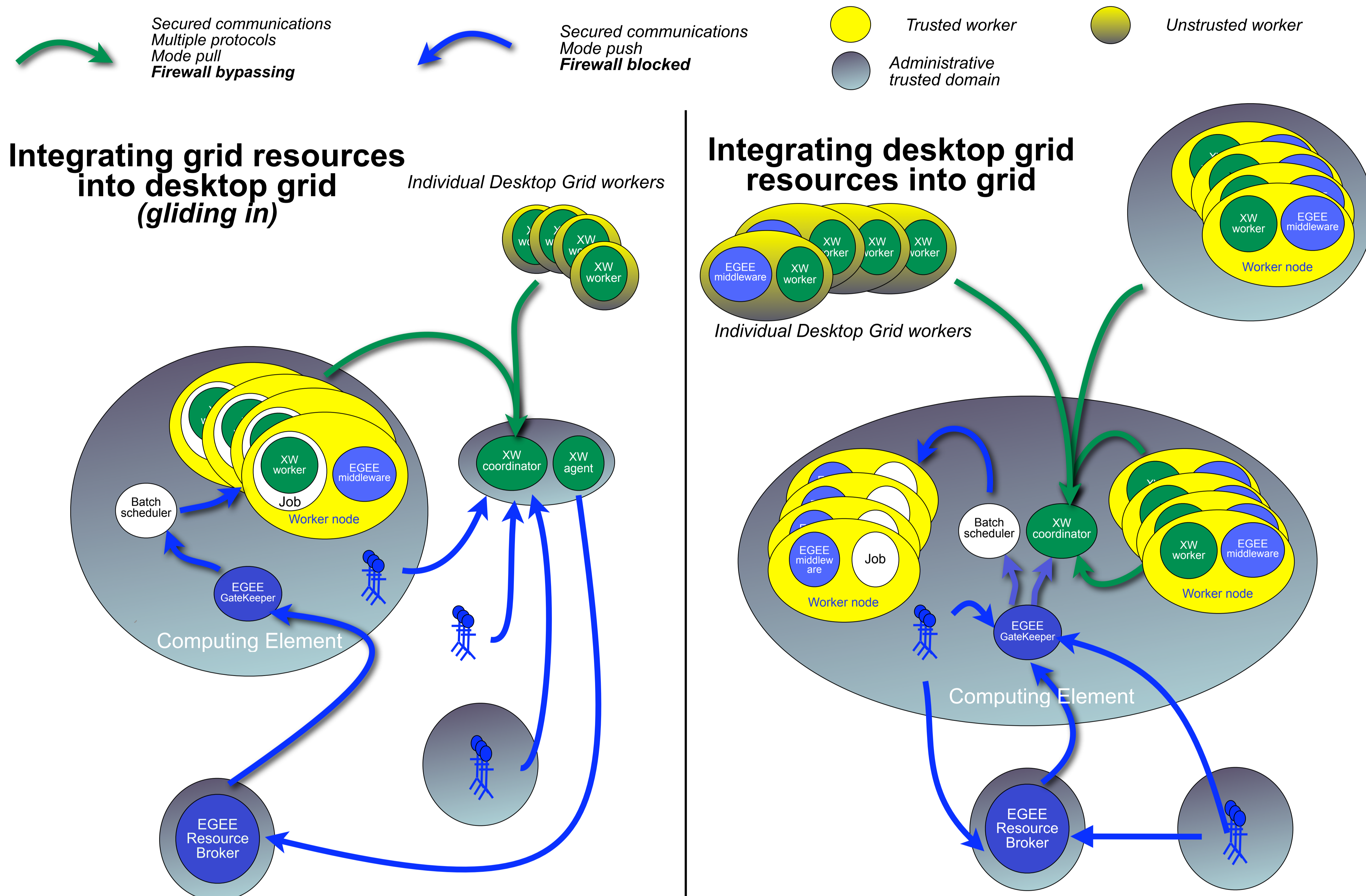


EGEE/XtremWeb Institutional and Desktop Grids Integration

Motivations

- gain access to secured computing resources from **institutional grid** and **desktop grid**
- aggregate administrative domains and personal resources within a single gatekeeper
- standardize interfaces to encompass the grid standardization issue



Benefits

- * an automatic load balancing
- * a fault tolerant model

- * use of the Desktop Grid interface
- * Desktop Grid uses EGEE scheduling facilities
- * Desktop Grid security mechanisms usage

- * use of the EGEE interface
- * EGEE uses Desktop Grids as scheduler
- * EGEE security mechanisms usage

Open questions

- we need JDL job descriptors to distinguish jobs appropriate for EGEE or DG resources
- could we define a standardization for desktop grid implementations?
- will it be possible to deploy EGEE middleware on the fly?
- how to secure desktop grid resources following EGEE security model?