

Institutional Infrastructures for Global Research Networks in the Public Sector

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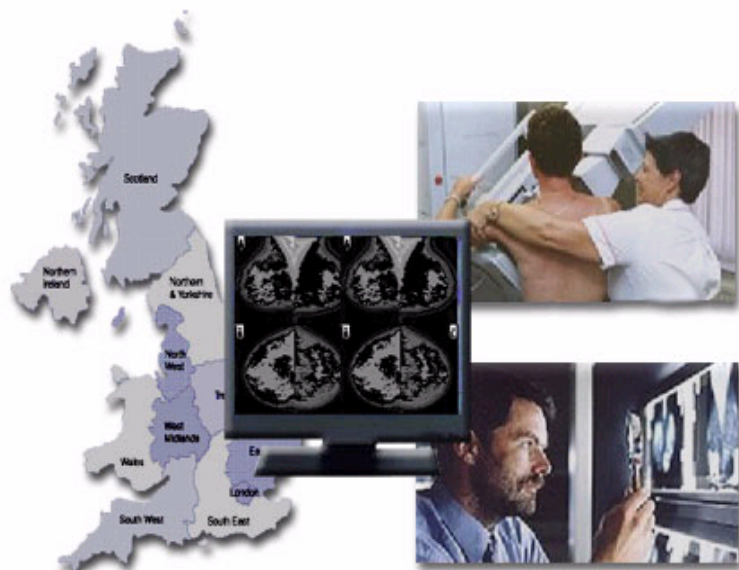
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Welcome to the eDiaMoND grid computing project.



Aiming to prove the benefits of grid technology
to breast Imaging in the UK.

"Oxford University's eDiaMoND grid computing project will pool and distribute information on breast cancer treatment, enable early screening and diagnosis, and provide medical professionals with tools and information to treat the disease. eDiaMoND will give patients, physicians and hospitals fast access to a vast database of digital mammogram images. eDiaMoND is also expected to help reduce the rate of false-positive diagnosis and overcome problems created by inconsistent mammogram image formats and lost X-rays"

- Challenges in establishing best practice
 - Diversity of project: community-centric, data-centric, computation-centric, interaction-centric
 - Diversity of social context: scientific context, normative context, institutional context
 - Balancing certainty and flexibility
- Two untenable approaches
 - Codes
 - Bespoke arrangements

- The tasks of the new public actor
 - Legal shape of arrangements
 - Substance of arrangements
 - Interpretation and enforcement