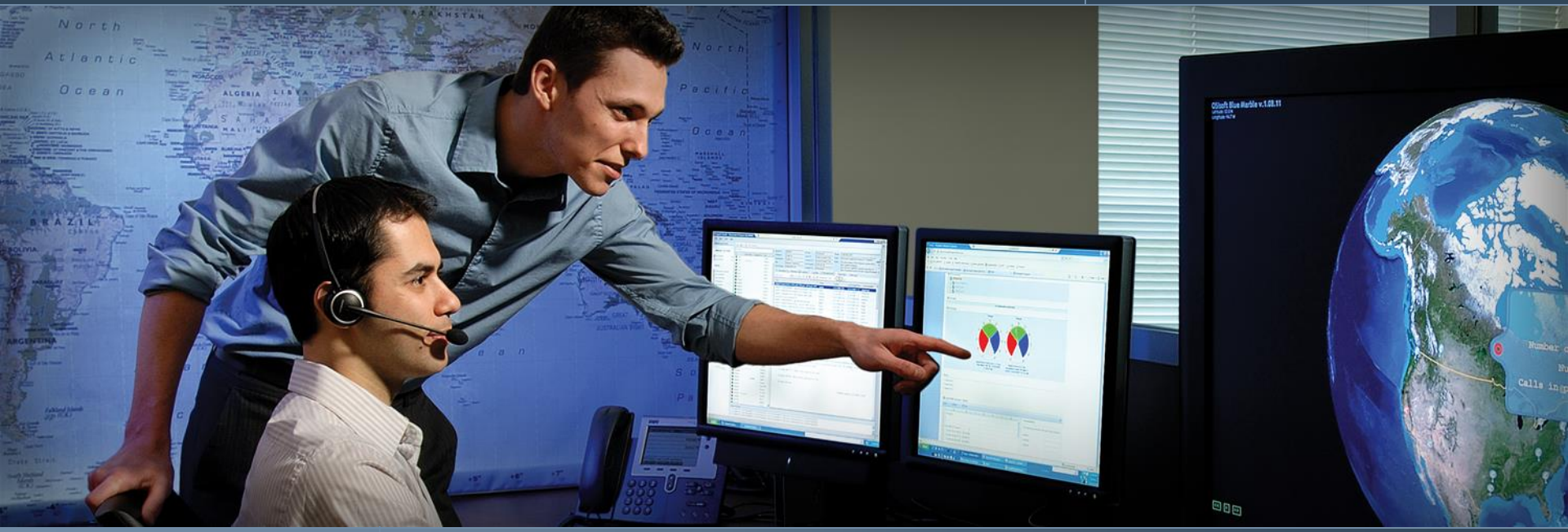
OSIsoft®

Regional Seminar Series



Data Infrastructure for Corporate Sustainability

Jerry Williams, Program Manager, Environmental Management, SAS
Alexis G. Stobbe, Account Manager, OSIsoft

Empowering Business in Real Time.

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Data Infrastructure for Corporate Sustainability

Jerry Williams, Program Manager, Environmental Sustainability, SAS

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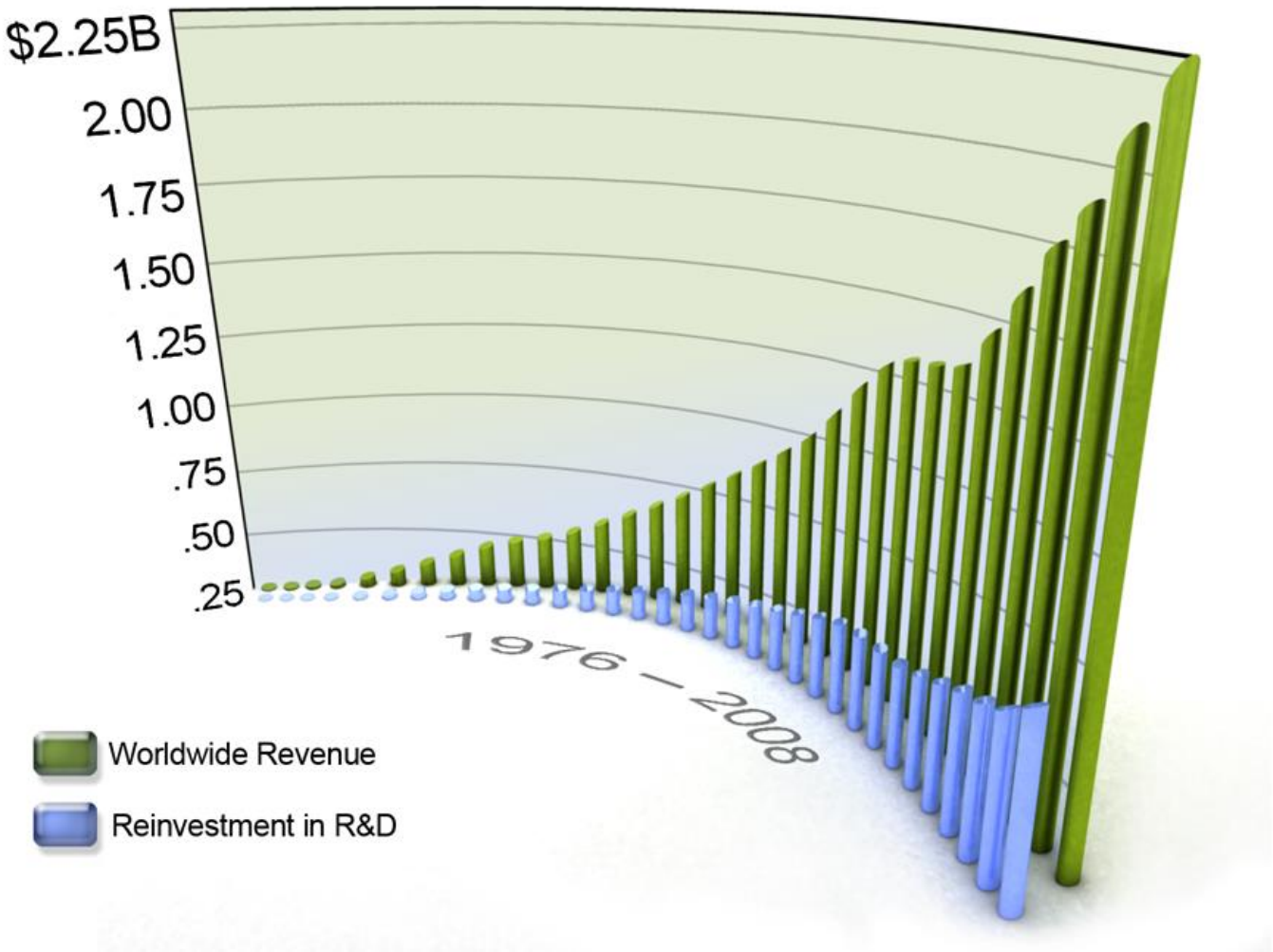
2008 Performance

$2.26 Billion in Total Revenue



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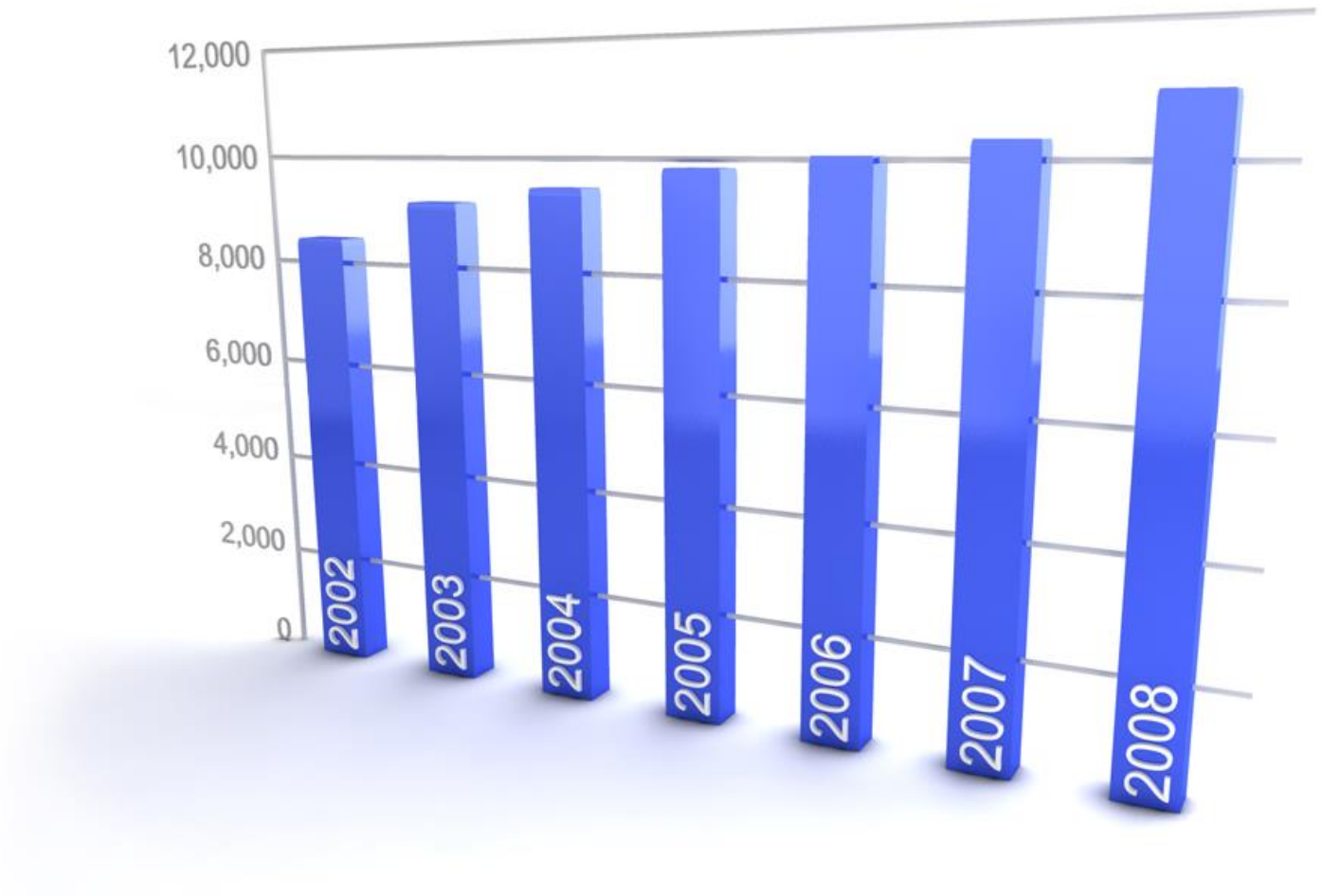
11,019 Employees Worldwide



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Environmental Management Program

GOING intelligently green

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Sustainability Goals

- Better access to sustainability data
- Better identify costs of action or inaction
- Reduce energy consumption & costs
- Reduce greenhouse gas (GHG) emissions
- Enable global office comparisons
- Raise employee awareness
- Impact SAS' bottom line

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Business Analytics

A range of capability

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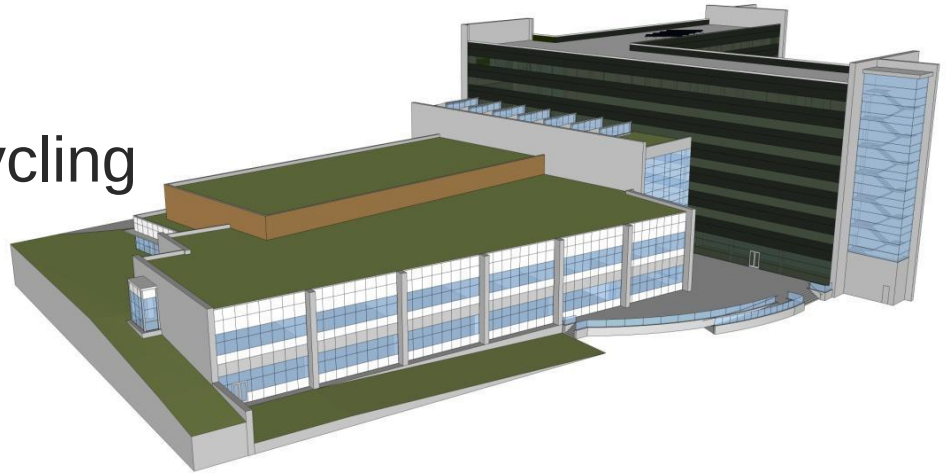
Green Data Aggregation

- Solar projects
- LEED buildings
- Building Automation Systems
- Regenerative drive elevators
- Global high-profile projects
- Data Center PUE
- Waste management & recycling
- Carbon modeling



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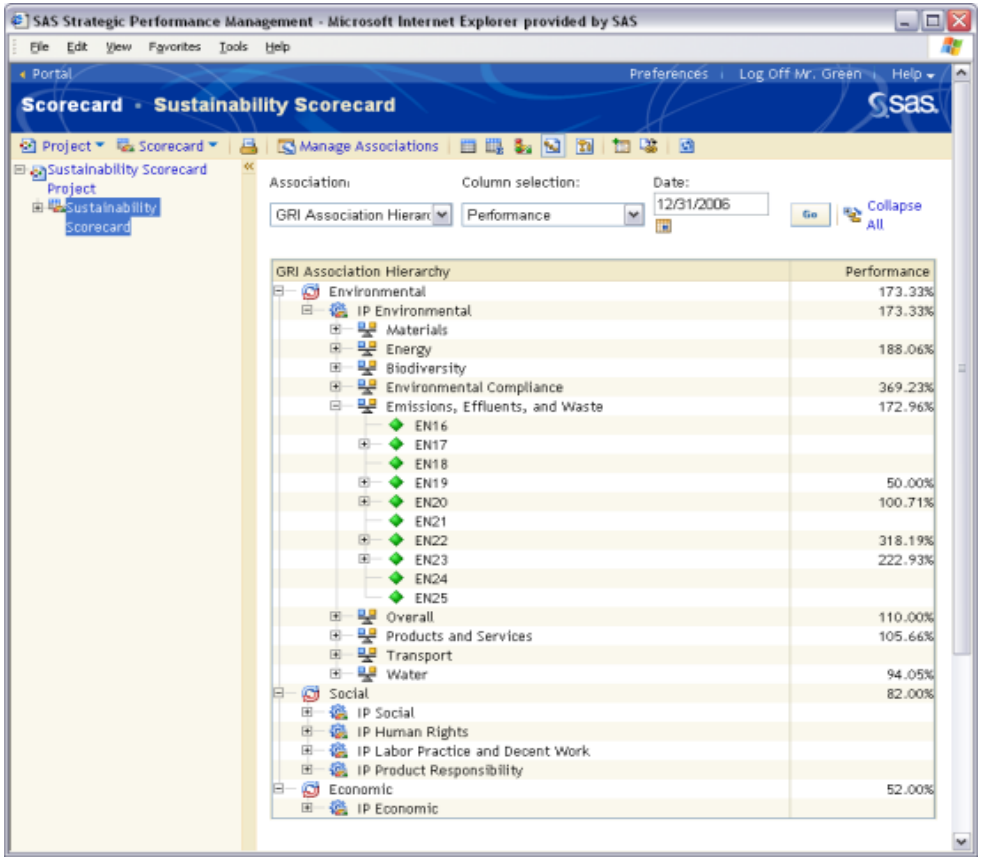
Measuring Mitigation Initiatives

- Data not collected at lowest level
- Concept technologies untested
- Investments not validated
- CO2 abatement
- Meaningful alerts



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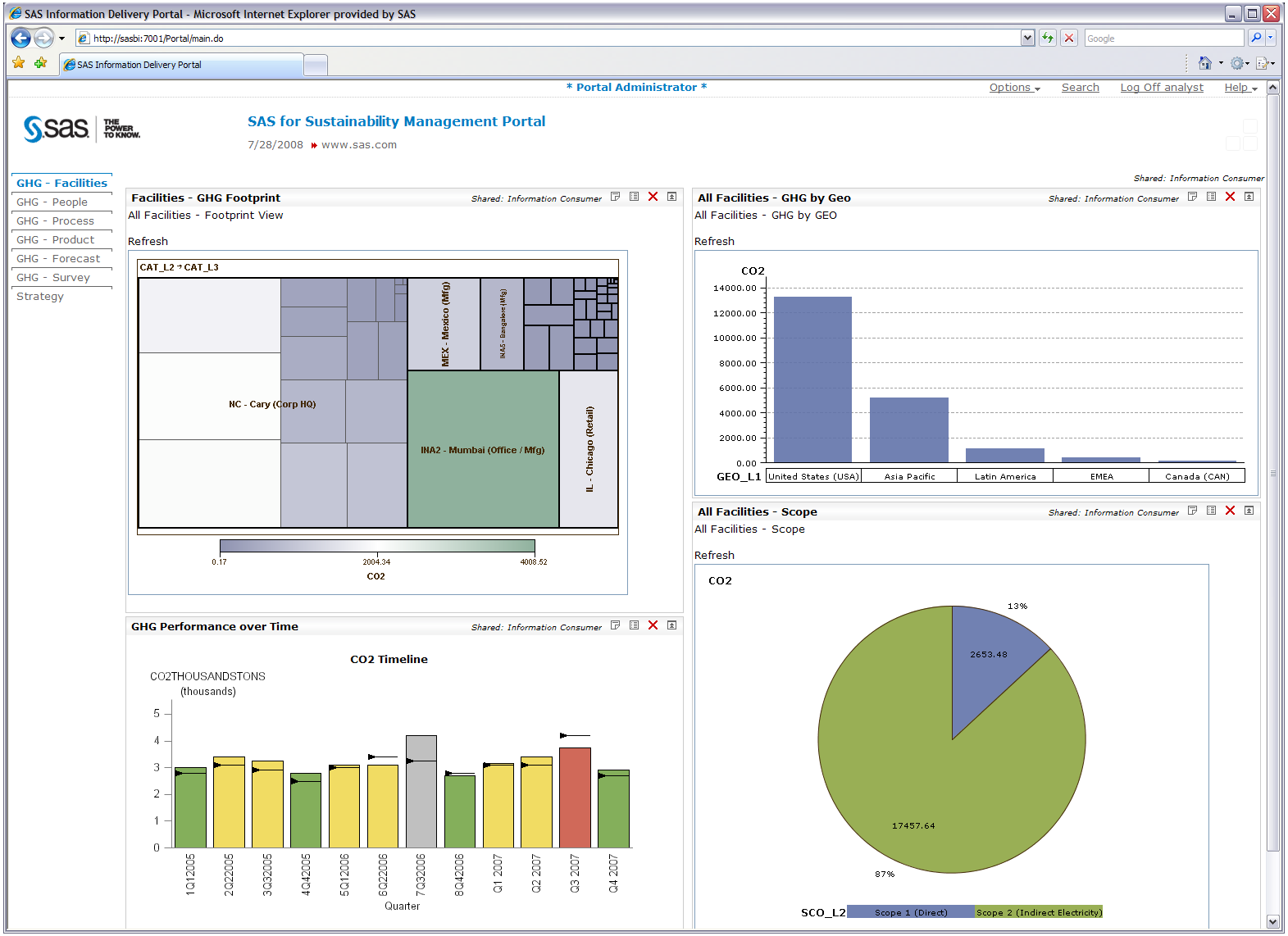
SAS for Sustainability Management



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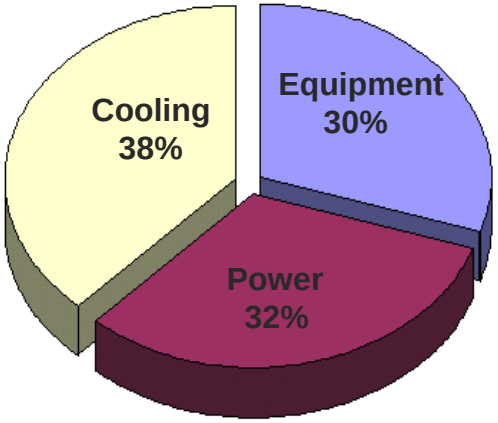
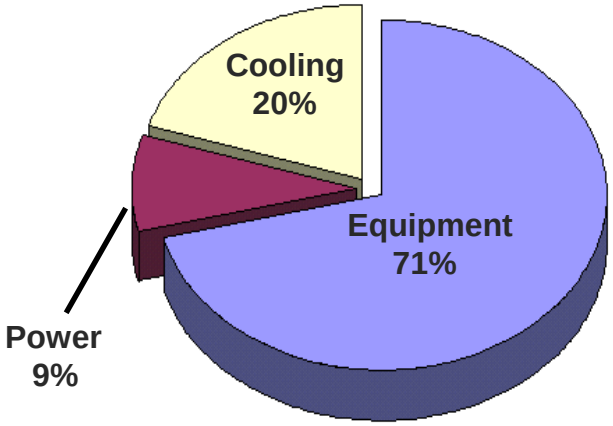
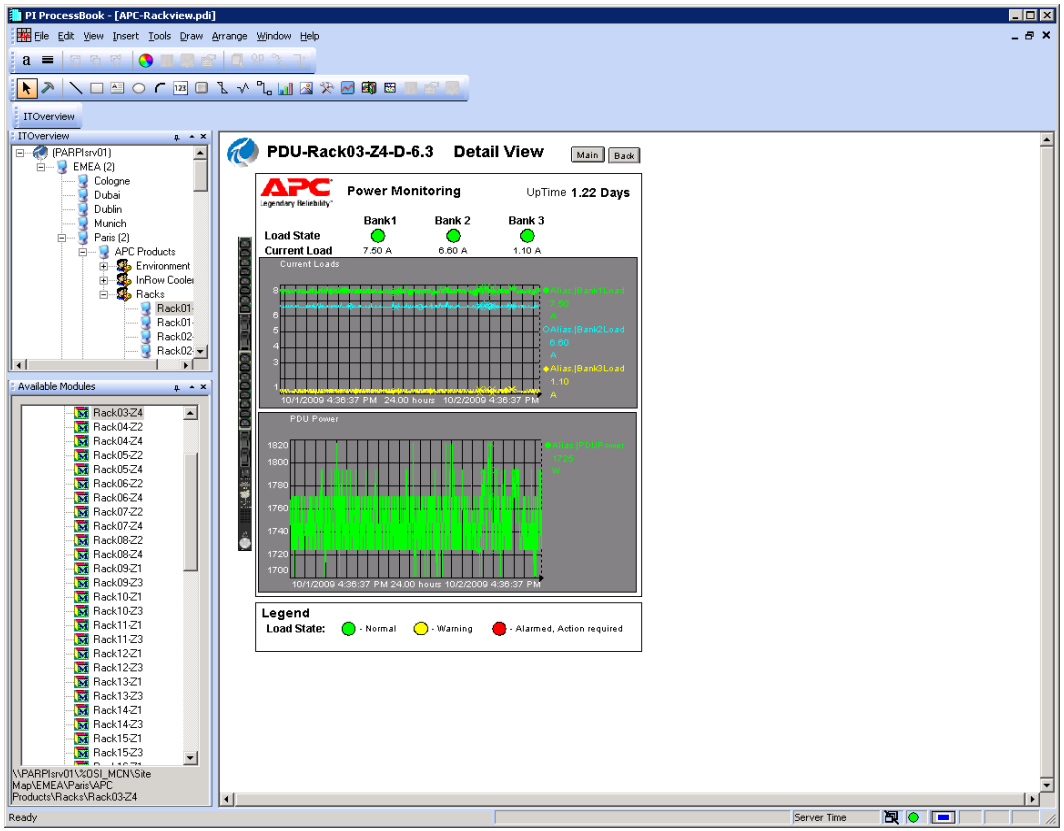
Green IT Metric—Power Utilization Efficiency



3.0 PUE - Typical



1.4 PUE Target



$$PUE = \frac{\text{Total Facility Power}}{\text{IT Equipment Power}}$$

Source: The Green Grid

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Eco Awareness Benefits

- Employee engagement
- Effective dashboards & reports
- Measure for attention
- PR exposure
- Collaborative analyses

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Global Challenge

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