

SAFETY NETS EFFICIENCY

Optimisation through design, evaluation and
in-service monitoring

NATS

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Identify the need

Present

- ▶ Safety & Human Error Workshops
- ▶ STAR Database
- ▶ Unit Safety Plan
- ▶ Anecdotal comments for Unit

Future

- ▶ Continue to be proactive about Safety

Design

Present

- ▶ Alerts database
- ▶ Alerting Philosophy
- ▶ User Centre Design Workshops
- ▶ Inclusive design process

Future

- ▶ Influence system design to improve real time data access
- ▶ More prescriptive design principles

Monitor

Present

- ▶ Regular analysis of Safety Nets performance
- ▶ Presentation of results to support decision making
- ▶ Final step of the Human Error Safety Assurance process, to confirm risk has been mitigated

Future

- ▶ Better operational understanding through exploiting new data technologies
- ▶ More exploratory, customisable and immediately available output
- ▶ Increased integration of objective and subjective data

Evaluate

Present

- ▶ Support the evaluation definition
- ▶ Definition of metrics to measure impact on human performance
- ▶ Analysis of human performance data

Future

- ▶ Systematic evaluation definition of the type required