

SUMMARY

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GENERAL ISSUES

Flexibility vs Standardization

Completeness vs Simplicity

New vs Reuse

Desires vs Standards

Today vs Tomorrow

DESIRES

| ISSUE | EDF | SDF | Open XDF | FEF | Physio -net | Sleep XML |
|--|-----|-----|-------------|-----|----------------|--------------|
| Raw Data Flexibility (Resolution, filters, rates) | | | | | | |
| Calibration | | | | | | |
| Referencing | | | | | | |
| Non-contiguous | | | | | | |
| Amp Changes | | | | | | |
| Multiple sources | | | | | | |
| Compression | | | | | | |
| Web Based | | | | | | |
| Searchable | | | | | | |

DESIRES

| ISSUE | EDF | SDF | Open XDF | FEF | Physio- net | Sleep XML |
|--------------------|-----|-----|-------------|-----|----------------|--------------|
| Subset obtainable | | | | | | |
| Database Support | | | | | | |
| Qual / Quant | | | | | | |
| Reports / Interp | | | | | | |
| Non-Proprietary | | | | | | |
| International | | | | | | |
| HIS interface | | | | | | |
| Unlimited Channel | | | | | | |
| Std Nomenclature | | | | | | |
| All results stored | | | | | | |
| Review anywhere | | | | | | |

DESIRES

| ISSUE | EDF | SDF | Open XDF | FEF | Physio -net | Sleep XML |
|--------------------|-----|-----|-------------|-----|----------------|--------------|
| Extensible Defs | | | | | | |
| Full Archiving | | | | | | |
| HIPAA | | | | | | |
| De-identification | | | | | | |
| New Analyses | | | | | | |
| Raw data for Cals | | | | | | |
| Rules / Procedures | | | | | | |
| Data Integrity | | | | | | |
| Attributable | | | | | | |
| Cross Platform | | | | | | |
| FUTURE | | | | | | |