

Offshore

Maritime

Enterprise

Home & Business

Energy



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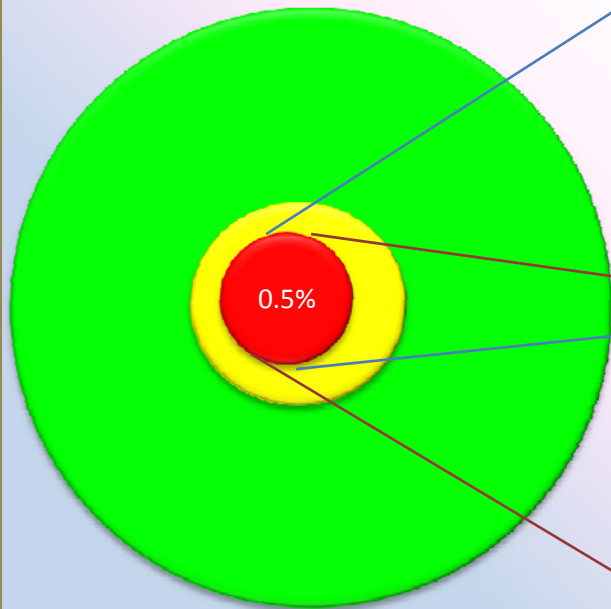
Remote Data Services

“All the 9s”: Achieving the Full Potential of Out-of-Band Redundancy Maximisation

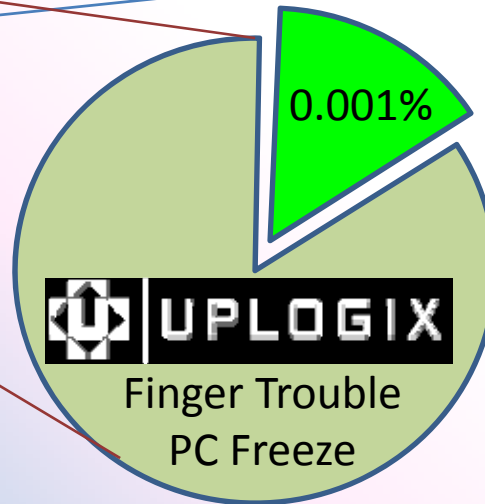
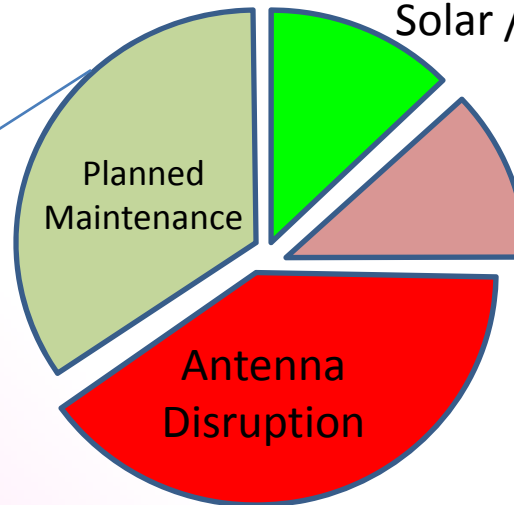
What are the 5 9’s?

The Mission Critical Link: Business Continuity, Disaster Recovery & Emergency Management in the Oil & Gas Patch

5 9's Analysis



Availability





Achieving the 5 9's

- **Planned Maintenance**
 - Alternate Transport Medium (e.g. INMARSAT)
- **Antenna disruption**
 - Exclusion zone / Protection
- **Hardware Failure**
 - 1+1 or N+1 or N+M HW Redundancy
- **Solar / Weather Outage**
 - Automatic Alternate routing (i.e. VADOS) / Duel Satellite Paths / ACM DCM AGC ALC Hardware Technologies
- **Finger Trouble**
 - Uplogix hardware configuration management
- **SW “Freeze”**
 - Uplogix Power cycling

5 9's : counting the cost

Dual Path & N+M
redundancy

Uplink &
INMARSAT
alternate routing

Single Chain
VSAT

COST

0.5% Availability

3,4,5 times the
cost?



5 9's : Real time Dilemma

Real Time Drilling

- Saves Money,
- increasing productivity
- Better Efficiency
- cost effective resource management
- etc.....

5 9's

- Increase CAPEX
- Increase OPEX
- Complex permanent infrastructure



Remote Data Services

- **Deployed and operating 24+ Offshore Installations in the North Sea**
 - **I-Direct VNO Service Provider**
 - **DVBRCS VNO Service Provider**
- **Network Operator & Reseller for iDirect, Intelsat, Eutelsat, Telesat, STMi, Avanti, Satlynx etc.**
- **Major European Installation company with over 2000 installs completed in the last 8 months**
- **Active in Maritime, Oil & Gas, Government & Enterprise markets**