



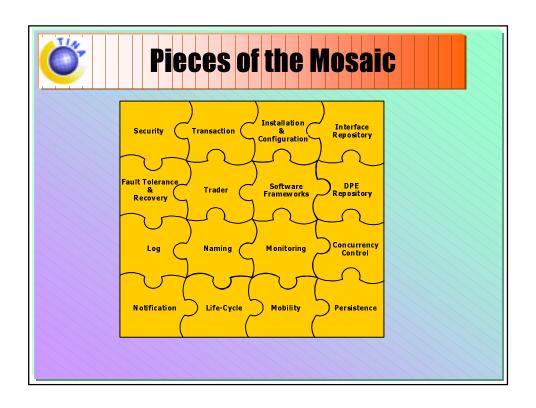
Why DPE?

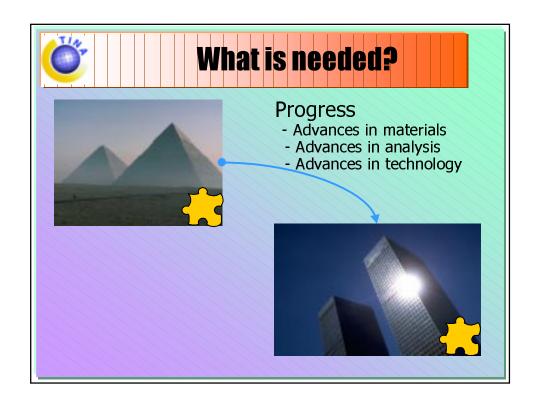
- Telecom Applications Typically
 - have complex structures,
 - use multiple language implementations,
 - depends on multiple vendors,
 - deployed on multiple platforms,
 - utilize multiple software/network protocols,
 - integrates with legacy systems,
 - require 99.999% (≤ 6 min per year) unscheduled downtime.



Good Architecture

- Resilient
- Flexible
- Simple
- Approachable
- Clear separation of concerns
- Balanced distribution of responsibilities
- Balances economic and technology constraints







What is Needed?

- Structured Reliability
 - Fault Tolerance
 - Security
 - Scalability
 - Real-time
 - Control of QoS
 - Predictable Performance
- Operational Management
 - Scalable, flexible and robust life-cycle management of a dynamic environment

