Data Centre Migration Specialist

Data Centre Strategy

- Data centre lifecycle
- Reasons to migrate a data centre
- Alternatives to data centre migration
- Consolidation
- Outsourcing
- Cloud computing
- Upgrade existing data centre or build new

Project Management

- Project management and methods
- Scope statement
- Statement Of Work (SOW)
- Work Breakdown Structure (WBS)
- Allocate time to the project
- Cost and estimation methodology
- Project communication

Risk Management

- Risk management and methods
- Risk identification
- Risk assessment methodologies
- Qualitative approach
- Semi-quantitative approach
- Quantitative approach
- Risk evaluation
- Risk treatment
- Risk in data centre migrations

Migration Strategies

- Different data centre migration strategies
- Heterogeneous migration
- Homogeneous migration
- Physical migration
- Different IT transformations
- Pre-migration transformation
- Migration transformation
- Post-migration transformation

Legal Aspects

- Regulatory requirements
- Contractual considerations
- Legal aspects when decommissioning

High Level Discovery & Planning

- The importance of Business Service Reviews
- The concept of Availability
- The concept of Recoverability
- The importance of Service Level Objectives
- Requirements on designing the target IT architecture
- Information needed for high level planning

Design Target Data Centre

- Requirements for the target data centre
- Sizing the data centre
- Architectural requirements
- Cooling requirements
- Power requirements
- Security

Detailed Discovery and Planning

- The importance of discovery
- Automated discovery tools
- Asset management
- Network and system dependencies
- Detailed migration planning
- Migration waves
- Staffing
- Warranties and insurance

Safety

- Safety precautions
- Technical safety review
- Electrical safety
- Lifting
- Personal safety during migration
- Fire safety during migration

Security

- Controversy between access and security
- Access control
- Managing security during migration
- Security during migration
- Key management
- Practical hints and tips
- Continuous improvement

Implementation

- Rehearsal
- Route investigation
- Resourcing
- Logistics team
- Packing
- Transport
- Installing the equipment

- Post migration support

End of Project

- Why project closure
- Lessons learned
- Phased completion of project
- Criteria for project closure
- The outcome of the project
- End of project