

MODERNISATION APPROACH

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- Modernisation Practice
- Typical Types of Projects
- Project Phases
- Discovery Phase
- Migration Approaches
- Open Discussion

Purpose

- To Modernise Legacy Customers To Current Release

Capability

- Project and Programme Planning
- Technical leadership of migration projects and programmes
- Modernisation and Migration Expertise
- Technical delivery of migration projects
- Migration and modernisation assessments
- Creation and management of re-usable project assets
- Support for sales modernisation activities
- Support for alliances modernisation activities

- Upgrade
 - Patch Release not Major Release
- Migration
 - Assessment, Planning and Execution of Content Movement From Source to Target
- Modernisation
 - Adoption of New Tools and Techniques

Discovery

- Questionnaires
- Inventory
- Meetings/Interviews
- Shared Services Definition
- Migration Assessment

Plan

- Migration Plan Based on Discovery Outputs.
- Big Bang, Phased, Parallel Run.
- Test Approach.
- Freeze or Net Change.

Build

- Hardware
- Pre-requisites
- SAS Binaries and config levels.

MODERNISATION PROJECT PHASES

Migrate

- Rationalisation or Lift and Shift.
- Execute the Plan for Metadata, Data and Content.

Modernise

- Modernisation transformation Base to EG, EBI to VA.
- In Line With Migrate Step or As Own Phase.

Testing

- Execute Test Plan Designed in Discovery.
- Rework of Defects.
- Test Approval and Business Sign Off

MODERNISATION PROJECT PHASES

Cutover

- Adoption of The New Platform Post Test Approval

Decommission

- Shutdown and Removal of the old SAS System

- Shared Services Definition
 - Cross business working party to define approaches to critical aspects of the migration programme.
 - Allows agreement by all platform business owners and administrators prior to the migration work.
- **Provides**
 - A fully documented set of agreed standards.
 - A fully documented set of working practices for grid adoption.
 - Documented best practices for modernisation transformations, for example base SAS to Enterprise Guide.
- **Benefits**
 - Simplification of the migration assessment work streams.
 - Defined procedures to simplify grid migration.
 - Simplified adoption processes to build new systems on the grid.

- Shared Services Definition;
 - A defined set of principles agreed by all business units for grid adoption.
 - An agreed security model - an agreed model that meets the security requirements of all platforms/business departments.
 - An agreed metadata model - as with the security model an agreed metadata model that suits all platforms/business departments.
 - Naming standards.
 - Grid queue definitions.
 - A governance and management model.
 - Administration and SLA standards.
 - Agreed grid on boarding processes.
 - Agreed grid off boarding processes.
 - Agreed development and route to live procedures.
 - An agreed overall approach to testing.
 - An agreed business use cost allocation model.
 - Agreed Capacity and Demand Management approaches.
 - Best practices and defined approaches for modernization of SAS applications within this release, for example base SAS to Enterprise Guide.

- Migration Assessment
 - The Migration Assessments Will Cover
- **Phase 1 - Initial meeting:**
 - Verify assessment scope.
 - Define and agree an assessment schedule.
 - Define and agree the duration of the migration assessment.
 - Discuss introductory overview of customer's existing SAS landscape.
 - Discuss overview of the user base that exists within the customer's organization.
 - Agree the intended migration outcome e.g. is this a transition or a transformation?
 - Review technical and logistical prerequisites of the migration assessment.

- **Phase 2 - Migration Assessment:**

- Capture the number of SAS environments and SAS levels therein.
- Record the presence and extensiveness of SAS Metadata.
- Document the SAS products in use and volume of content.
- Review the presence and use of SAS client tools by the business users and administrators.
- Run the SAS Migration Utility to catalogue the environment (where suitable) and review the analysis reports.
- Understand the drivers of the migration.
- Gain awareness of any limits and constraints on the migration.
- Clarify any restraints upon SAS consultants regarding site, system, and data access.
- Reveal the soft and hard interfaces of the SAS estate in the business.
- Review data in usage and define possible roadmaps in line with customer ambitions to move data storage to big data platforms where possible.
- Review encryption of data in use and define a best approach in line with customer ambitions where possible.

- Migration Assessment Report
- Shared Services Definition
- Serves as Input For Detailed Planning and Estimation

- Metadata
 - SMU vs Promotion
- Data
 - Internal Vs External
 - Compatibility Checker
 - Tools To Physically Migrate
- Code
 - Batch and Adhoc
 - Types of Code
 - Migration Approaches for Volume

MODERNISATION PRACTICE

DELIVERY

- SAS Professional Services can assist in the following areas;
 - Performance Benchmarking (Pre-Installation)
 - Pre-requisites
 - Storage Review
 - Installation and Configuration
 - Migration Assessment
 - Migration Delivery
 - Metadata
 - Code
 - Data
 - Configuration
 - Migration Testing
 - Non Functional Testing
 - Performance Testing
 - Post implementation Support
 - Premium Support