***MOSIP – Customization Impact Analysis***

1. ***Pre-registration***:
   1. *ID Object*:
      1. ID Object Validator change: Based on new id Object
         1. Schema-Config
         2. Length-Config
         3. Optional-Mandatory-Config
         4. Master data verification-Code change
   2. *Master Data*:
      1. New Master Data APIs (Incl. DB changes)
      2. Country specific Master Data (EG: Location hierarchy, Center data, Holidays, Templates, User-role setup etc)
   3. *UI Changes* based on preferred language and revised ID Object
      1. Labels in preferred languages
      2. Master data population
      3. Field Validations
      4. Functional flow changes based on Country’s requirement (EG: Skipping an existing stage like document upload)
   4. Integration with Country specific transliteration libraries
   5. Integration with Virus Scanner for document upload
   6. Setup of SMS gateway and email server
   7. Configuration changes
2. ***Registration Client***:
   1. *ID Object*:
      1. ID Object Validator change: Based on new id Object
         1. Schema-Config
         2. Length-Config
         3. Optional-Mandatory-Config
         4. Master data verification-Code change
   2. *Master Data*:
      1. Sync API changes
      2. New Master Data APIs (Incl. DB changes)
      3. Country specific Master Data (EG: Location hierarchy, Center data, Holidays, Templates, User-role setup etc)
   3. *UI Changes* based on preferred language and revised ID Object
      1. Labels in preferred languages
      2. Master data population
      3. Field Validations
      4. Functional flow changes based on Country’s requirement (EG: Integration with DMS, external system, skipping an existing stage like EoD approval)
   4. Integration with Country specific transliteration libraries
   5. Integration with biometric (FP/Iris/Face) and non-biometric devices (Doc Scanner/GPS device/Printer)
   6. Integration with Windows SDK for biometric match of all three biometric modalities (FP/Iris/Face)
   7. Integration with MDS (FP/Iris/Face)
   8. Integration with Virus Scanner
   9. Setup of SMS gateway and email server
   10. Configuration changes
3. ***Registration Processor***:
   1. *ID Object*:
      1. ID Object Validator change: Based on new id Object
         1. Schema-Config
         2. Length-Config
         3. Optional-Mandatory-Config
         4. Master data verification-Code change
      2. ID Object mapping changes
   2. Integration with Virus Scanner
   3. Integration with ABIS
   4. Setup of SMS gateway and email server
   5. Integration with preferred Print & Post Service
   6. Configuration changes
   7. Functional flow changes based on Country’s requirement (EG: Integration with external system, skipping an existing stage like Manual adjudication)
   8. Logic changes – EG: Demographic dedupe logic
   9. UI customization and API changes for Manual Adjudication
   10. Linux SDK for quality check of all three biometric modalities (FP/Iris/Face)
4. ***ID-Authentication***:
   1. *ID Object*:
      1. ID Object mapping changes
   2. Logic Changes – EG: Demographic authentication logic
   3. Integration with MDS for all three biometric modalities (FP/Iris/Face)
   4. Setup of SMS gateway and email server
   5. Configuration changes
5. ***ID Repository***:
   1. *ID Object*:
      1. ID Object Validator change: Based on new id Object
         1. Schema-Config
         2. Length-Config
         3. Optional-Mandatory-Config
         4. Master data verification-Code change
6. ***Admin***:
   1. Country specific Master data setup (EG: Location hierarchy, Center data, Holidays, Templates, User-role setup etc)
   2. Integration with Country preferred IAM
   3. UI customization based on additional fields, if applicable
   4. Configuration changes
7. ***Kernel***:
   1. ID generator logic changes as preferred by Country (EG: UIN, PRID etc)
      1. RID logic change will lead to code change – High impact as current RID is utilized for packet sequence checks in *Reg. Processor*
   2. Configuration changes