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**Project Introduction**

**Problem definition or purpose**

<Describe what is/are the problem to be solved OR opportunity that can be developed>

<e.g. Develop a model to predict field failures for xxx division with at least 90% accuracy rate>

**Project goals**

<Describe how to measure project success in terms of business success and technical success>

|  |  |  |  |
| --- | --- | --- | --- |
| **Goal Name** | **Metric / Measurement Criteria** | **Tracking frequency / reports** | **Remarks** |
| e.g.  Accuracy, Sensitivity, Latency, % of increase in sales etc. |  |  |  |
| e.g. User should be able to do sequence feature extraction and labelling using xx model. |  |  |  |
|  |  |  |  |

NOTE:

* It is recommended to explore the business goals at the beginning and how goals will be measured, such activity will aid in developing the right solution.

**Major milestones**

<If above information is covered part of project kick off or in some other means, provide reference for the same>

**Scope**

< Describe project scope or boundaries clearly in this section. Document important out of the scope activities as well e.g. RB-GF 182 liabilities is responsible by customer>

NOTE: Scope may be available in the project contract (PLA/GLA) or development order. Same can be mentioned here or reference can be given here.

**Dependency, assumptions and constraints**

< List out important dependencies, assumptions and constraints in this section>

**NOTE**:

* Assumptions are what’s been given and beyond project’s control if risks are found same shall be tracked using risk management process.

**Stakeholder analysis or stakeholder list**

<Perform stakeholder analysis to group relevant offerings and/or gather requirements for the project>

<For example:

* Who are our stakeholders?
* What are their needs?
* Do they need to be trained on our product / SW? >

|  |  |  |  |
| --- | --- | --- | --- |
| BGSV | BGSW/xxx | PS/xxx | BSH/xxx |
| Offering - 1 | Offering - 2 | Offering - 3 | Offering  - 4 |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Stakeholder Name | Role / Dept | Email / Contact No. | Remarks |
| < e.g. customer Coordinator> |  |  |  |
|  |  |  |  |

**Project Management**

Project management activities shall follow process requirements as defined in ProView.

Project specific activities shall be described below:

|  |  |
| --- | --- |
| **Activity** | **Description** |
| Project initiation /creation | Shall follow ProView <no tailoring> |
| Project contract | <Reference to PLA/GLA/SA> |
| Project life cycle | <e.g. Agile scrum, DevOps > |
| Effort estimation /Resource capacity planning | ·       Story points  ·       Wideband Delphi method  ·       Capacity planning in Planisware |
| Project cost estimation | <HW, SW and other cost estimation shall be documented here, if such estimation is available as other artefacts same shall be referenced here and ensure such artefacts are configuration controlled> |
| Schedule | <e.g. shall follow PRIME based scheduling>  <e.g. shall follow ALM- RTC> |
| Project KPI | Refer Project goals section |
| Risk management | Shall follow ProView |
| Project reviews and  Communication plan | Shall follow table 1.0 <Tailoring is allowed> |
| Project organization chart | <Reference or link to project organization chart can be provided here> |
| RASIC | ·       Engineering RASIC is defined in AI/ML lifecycle in ProView  ·       Project management and other support processes responsibilities are defined in relevant processes in ProView |
| Competency, skill, and training needs determination | ·       <Provide link to skill and competency determination>  ·       <Provide link to training plan>  NOTE:  ·       Refer to the [Training Plan and Tracker](http://sgpvm070:8080/pkit/go/pelement.do?id=337918&type=Artifact&anon=1) template in PROVIEW.  ·       Refer to the [Skill Matrix](http://sgpvm070:8080/pkit/go/pelement.do?id=337916&type=Artifact&anon=1) template in PROVIEW |
| **Essential trainings:**  ·       Before kick-off of the project, all members should have completed training on SEP-Basics (WBT ISP042 in TrainM).  ·       Project Manager, Security manager– as per CD-07000-001 and domain specific trainings (booking in TrainM)  ·       Declaration of Confidentiality – WBT ISP005.  ·       ISP instructions – WBT –ISP001.  ·       DSPiE – ISP043 training (booking in TrainM |
| Customer supplied items. | <List key customer supplied items, if any else N/A> |
| Project closure | Shall follow ProView. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **When** | **What** | **Input** | **Topics** | **Frequency and Mode** | **Participants** | **Output** |
| **Start of the project** | Contract review | Proposal | ·       Detect changes from Proposal  ·       Impact of changes | Once/Online or F2F meeting |  | Meeting minute/OPL list |
| **Start of the project** | Project plan review | Project plan in PROMISE | ·       Project plan completeness | Refer ProView | EPQ/FLM/Peer  PM | OPL List |
| **During the project** | Project progress review (incl. milestone reviews) | ·       Project schedule    ·       Project status report | Project status review (QCD) parameters risk management, etc. | <Describe internal and customer meeting frequency here>  < Online or F2F meeting> | ·       Project Internal participants    ·       Customer and project Internal l participants    NOTE: Defining participants role is  is mandatory in this section> | ·       Meeting minutes  ·       OPL list |
| **During the project** | Management review (MRP) | MRP checklist | Refer Project tracking procedure in ProView. | Refer ProView | Same | ·       Meeting minutes  ·       OPL list |
| **During the project** | Release check (Before the delivery) | PDC checklist | ·       Check completeness, consistency, and correctness of deliverables  ·       Approval to delivery | Follow schedule. | EPQ/PM/FLM/Relevant project team members | PDC Report |
| **Project closure** | LLBP | NA | Lessons/Best practices for the consecutive phases | Refer ProView | As required. | LLBP in Bosch connect |

(Table 1.0 : Project reviews & Communication plan)

**Escalation Matrix**

|  |  |  |
| --- | --- | --- |
| **Issue type** | **First level escalation** | **Second level escalation** |
|  |  |  |
|  |  |  |
|  |  |  |

**Engineering Development**

**Development life cycle**

<Use case.1:  If AI/ML lifecycle in ProView is followed, kindly mention the same here. For example: Engineering development shall follow AI/ML lifecycle as described in ProView>

<Use case.2:  If AI/ML lifecycle in ProView is customized then describe process or development lifecycle that shall be followed, below is an example:

Following engineering development activities shall be applicable for this project:

* < Business understanding
* Data understanding
* Data preparation
* Modelling and evaluation
* Handover solution to customer >

Following process activities are not in the project scope:

* < Model deployment into customer environment/s
* Continuous monitoring and maintenance of the model is responsible by customer >

**Project specific AI/ML strategies**

**Business requirements**

Following activities shall be documented here:

* Sources of business requirements
* Business requirements documentation
* Communication/requirements exchange mechanism and rules.

**Dataset collection, storage and version management**

Following activities shall be documented here:

* How data set will be collected
* Storage of dataset e.g. on-premises/cloud etc.
* Dataset version management rules

**Data understanding approach**

< Describe techniques, decision methods which will be applied to understand dataset>

**Design Approach**

Following applicable Architectural aspects to be covered here.

* Architectural Design Alternatives based on Cloud/Edge
* Data Engineering elements
* ML architectural elements
* Interfaces of the ML architectural elements
* Resource consumption objectives for the ML architectural elements

**Model evaluation & Model deployment**

< Describe modelling methods, and deployment plan here >

**Monitoring and maintenance plan**

< Describe model monitoring and maintenance plan etc. >

**NOTE**:

Section / Chapter **Design Approach**, **Model evaluation & Model deployment and Monitoring and maintenance plan** can be updated in project plan later part of the project e.g. once dataset is ready for the modelling:

**Review, testing strategy**

**Reviews**:

Recommended review methods:  Peer review/walkthrough and as per ISO 26262 if FuSA relevant.

|  |  |  |
| --- | --- | --- |
| **Phase:** | **What** | **Review Method** |
| Data Understanding | Data Quality Report |  |
| Data Preparation | Data Preparation report / Solution Design |  |
| Modelling | Model design |  |
| Evaluation | Evaluation Reports |  |
| Deployment | Test Reports  Deployment Plan |  |
| Maintenance | All Data Engineering deliverables |  |
| Before any delivery | Pre-Delivery Check |  |

**Testing: <**Describe project specific test strategy here>

Following is an example:

**Engineering Lifecycle**

\*As applicable - all the phases listed in the above table could be customized as per the applicability of the Project / Managed Service and extend it as per the Project / Managed Service scope. However, requirement phase and testing phase along with traceability is expected to be fulfilled.

|  |  |
| --- | --- |
| **Engineering Life cycle : Mention [as applicable]\*** | |
| Requirement | |
| **Requirement Elicitation Technique** | <User Story mapping,  Stakeholder analysis, Brainstorming , Structured Interview, Document analysis/review, focus group, interface analysis,  observation, prototype, Joint Application Workshops, Survey questionnaire > |
| **Requirement Review Method** | <select review method in PROVIEW> |
| Design | |
| **Design Criteria** | <e.g. feature change at architecture level etc> |
| **Method used for selecting design alternatives** | < PUGH matrix etc.><DAR> |
| **Design Methodology** | <e.g. Design thinking / System thinking / object oriented design if APPLICABLE> |
| **Design Review Method** | <select review method in PROVIEW> |
| Coding/Task Development | |
| **Technology** | <e.g. python ,java> |
| **Coding Standard / Guideline used** | < mention guideline by selecting from proview / provide link if its user defined> |
| **Static Code analysis Tool and Strategy** | < provide information about warning levels allowance / disallowance in project along with link to cm system where maintained> |
| **Code Review** | <select review method in PROVIEW> |
| Integration | |
| **Integration Strategy** | <Provide High level Notes or link Integration Strategy> |
| Testing | |
| **Levels of Testing** | <as applicable> |
| **Test Strategy** | <link to Test Strategy document> or <provide high level notes capturing scope , goals , test suspension ,test resumption criteria , regression strategy etc.> |
| **Test Review & Approval** | < Select review method from proview > + <e.g. Testing tool name / workon> |
| **Testing Goals** | <e.g. coverage reports , technical debt> |
| Traceability Management | |
| **Strategy Notes** | <e.g. R-C-T traceability demonstrated in JIRA ,Design artifacts are attached against user story.,,etc, |
| **Defect / Problem Management** | |
| **Defect Definition specific to Project** | DD:<as applicable>  CRD: <as applicable> |
| **Defect Management Tool** | e.g PRISM.. any other tool please mention |

* For APW refer section - **Process tailoring, alternative practices and waivers**
* If section - **Project specific AI/ML strategies** is covered as part of any other artefacts same can be referenced here. However, ensure such artefacts are configuration controlled.

**Configuration Management**

|  |  |
| --- | --- |
| **Activities** | **Description** |
| Configuration management  responsible | <e.g. project manager, module lead etc.> |
| Identification of configuration mgmt. tools & folder structure | ·       Project documents shall be managed in xxx tool <e.g. SVN, ClearCase, Sharepoint etc.>  ·       Software code shall be managed in xxx tool <e.g. Social coding, SVN etc.>  ·       Following project folder structure shall be used for project artefacts.  <Example:  Project management documents  -        Contract  -        Estimates (cost, effort)  -        Schedule (only if MS-excel is used)  -        Status reports  -        Meeting minutes  -        OPL list  -        Important emails  -        Miscellaneous  Development documents  -        Requirement documents  -        Customer requirements document  -        Dataset  -        Architecture/design documents  -        Testing documents  -        Test specification   * Unit test * Integration test * UAT test   -        Test results   * Unit test * Integration test * UAT test   -        SW code quality check results  -        Review reports-checklists  -        Coding guidelines  Configuration management  -        Master list  -        Others/ configuration audit reports  Release documents  -        Baseline folder  -        Requirement specification  -        Design documents  -        Source code/executables baselined version information in a notepad (e.g., 1A2B3C.hex)  -        Test reports  -        Release notes etc.  Change management  -        Change tracking list  -        Change records  Quality/Audit reports (as needed)  Defects/complaints  -        Causal analysis reports  -        Customer complaints (as needed) |
| List of configuration items | Refer master list document. |
| Naming conventions | <e.g. Following naming convention is applicable:  -        Project Documents: <project name>\_<artefact name>  -        Source code: <xxx>\_<yyy>  -        Branches: <xxx>\_<yyy>  -        Dataset <xxx>\_<yyy>\_<V1.0> |
| Baseline process | ·       Baseline is created for <xx> <yy> etc.  <For example:  -        Milestone deliverables  -        Customer deliverables > |
| Configuration status reporting | ·       Follow ProView |
| Configuration audits | ·       Follow ProView |

**Project data storage, archival, backup and antivirus policy**

|  |  |
| --- | --- |
| **Activities** | **Description** |
| Documentation and Records collection, maintenance, and retention | ·       Refer Proview  ·       Refer master list |
| Backup and recovery | ·       As per “Backup and Recovery” Procedure in ProView |
| Antivirus policy | ·       Anti-Virus policy is as per Information Security and Privacy Rules for BGSW. |

**Change Management**

Change management activities shall follow ProView process requirements, refer below link.

<https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_artAoJBgP4eTos-ibAZNKA>

**Release**

<Describe software release strategy or deployment strategy here, if covered as part of other artefacts, same can be referenced here>

**Post Delivery / Bug Fix / User Support (as applicable)**

**Plan for Transition**

<Plan transition to operations and support at the end of the development life cycle wherever applicable.> Use [Transition Plan](http://sgpvm070.apac.bosch.com:8080/pkit/go/pelement.do?id=361635&type=Artifact&anon=1) template from Proview to plan for transition.>

**Defect and issues management**

Following activities are applicable for defects and issues management:

**Types and tools**

|  |  |  |
| --- | --- | --- |
| **Type** | **Description** | **Remarks** |
| Defect | ·       Internal defects are managed in <xxx> tool    ·       Customer defects are managed in <xxx> tool | ·       Defect is a/are condition or deviation in software which does not meets customer requirements.    ·       Delivered defect:  Defects reported by customer or end customer after deployment of delivered SW into real time applications are classified as delivered defects. |
| Issues | ·       Issues are managed in <xxx> tool | ·       Issue is a type of problem which can affect project milestone, cost, or any other management related problems.  ·       Issue has two types, which are management issues & review issues. |

**Severity and priority definitions**

|  |  |  |
| --- | --- | --- |
| **Severity** | **For Defects** | **For Issues** |
| Blocker | ·       Complete failure or software functions is/are unusable  ·       There is no workaround available  ·       Impact on system or customer is very high  ·       Safety or security relevant misbehavior of software or legal related problems.  ·       Defect is visible to end user  ·       Blocks consecutive development activity | ·       N/A |
| Critical | ·       Major feature or function is/are missing  ·       There is no workaround available.  ·       Impact on system or customer is high  ·       Defect may be visible to end user | ·       Issue may cause significant increase in cost/time |
| Major | ·       Any major feature implemented that is not meeting customer requirements or use case(s).  ·       Workaround for the defect is available  ·       Impact on system or customer is medium  ·       Defect may not be visible to end user | ·       Issue does affect project targets in terms of deliverables, milestones, and cost. |
| Minor | ·       Defect does not affect software functionality or aesthetic malfunctions.  ·       Impact on system or customer is negligible | ·       Issue does only affect side targets of the project, but not the main project targets in terms of deliverables, milestones, and cost. |

|  |  |  |
| --- | --- | --- |
| **Priority** | **For Defects** | **For Issues** |
| Urgent | ·       Shall be resolved on priority, drop all other activities. | Same |
| High | ·       Shall be resolved in the current delivery. | Same |
| Medium | ·       Shall be resolved in the next delivery. | Same |
| Low | ·       Shall be resolved as agreed with the customer/internally. | Same |
| **NOTE**: Priority is issued from problem’s impact on system or customer and not based on problem ticket creator’s opinion or schedule implementation. | | |

**Analysis techniques**

Following techniques shall be applied to correct and prevent defects/issues/customer complaints.

* Primary responsibility of analysis shall be decided by the problem owner or project lead.

|  |  |  |
| --- | --- | --- |
| **Type** | **Analysis technique** | **Remarks** |
| Defects | ·       Defects with ‘Critical’ & Blocker severity shall use CAR procedure ([link](https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_Xxk4YHgjP4eTos-ibAZNKA))    ·       Defects with major and minor severity, technical analysis is sufficient |  |
| Delivered defects. | Delivered defects shall follow CAR procedure ([link](https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_Xxk4YHgjP4eTos-ibAZNKA)) |  |
| Issue | ·       Issues with severity classification ̋Critical ̋ shall follow CAR procedure ([link](https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_Xxk4YHgjP4eTos-ibAZNKA))    ·       General analysis and measures shall be identified for all other severity. |  |
| NOTE:  Delivered defect arises only after final release or deployment, this must not be confused with types of defects. Delivered defect identification is required to measure quality of SW e.g. customer defect post deployment or final release is a delivered defect. | | |

**Workflow**

Project specific defect workflow can be specified here and below table is given as an example.

|  |  |
| --- | --- |
| **Activities** | **Description** |
| Record defects/issues | ·       General rule to write defect/issue is:  <Observation or results >  <Because of defect/issue what will happen>  <Where was defect/issue observed>  <How often does defect/issue occur?>  <How much/many are affected>  ·       Initially, severity and priority shall be assigned by the problem ticket creator.  ·       Ticket owner or project lead shall review  priority= urgent/high AND severity = critical,  if needed discuss if any changes are needed for priority and severity with ticket creator. |
| Defect  resolution activities | ·       Primary responsibility of defect analysis shall be decided by the ticket creator or project lead.  ·       Defect analysis shall include necessary team members.  ·       Initial defect analysis shall determine if reported defect is valid or not.  ·       If valid defect, defect shall be analyzed using appropriate methods as defined in **section - Analysis techniques**to identify root causes, corrective, and preventive actions.  ·       If not a valid defect, defect can be closed as resolution “not a defect” with appropriate justification and same shall be communicated to the defect ticket initiator.  ·       Defect analysis shall include impact on configuration items, data set version, cost, schedule, quality etc.  ·       Defect analysis template shall be used to perform defect analysis in JIRA/PRISM  ·       If reported defect triggers a change request, such request shall follow change management process  ·       Relevant preventive and corrective actions shall be implemented and tracked for closure. |
|  |
| Issue  resolution activities | ·       Issue shall be analyzed using appropriate methods as defined in **section - Analysis techniques**to identify root causes, corrective, and preventive actions.  ·       If reported issue triggers a change request, such request shall follow change management process  ·       Relevant preventive and corrective actions shall be implemented and tracked for closure. |
| Defects/issues   status monitoring | ·       Defects/Issues shall be tracked on a regular basis at least once in a month by project lead.  ·       Defects/issues shall be closed only after all the related actions have been implemented.  ·       Defects/issues with severity ‘Blocker’ or Critical actions shall be reviewed by the project lead or FLM prior to closing the problem. |

**Process tailoring, alternative practices and waivers**

Refer APW module in PROMISE

**Third party license management**

Third party license management activities shall follow BGSW/QMM requirements, refer below link.

[Third-party Software License Management - Support Process (bosch.com)](https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_LLVewGGEMT2yk95bQvfZiA)

**Supplier agreement management (if applicable)**

|  |  |
| --- | --- |
| **Supplier name** |  |
| Type of acquisition |  |
| Details related to evaluation of alternate supplier, if any |  |
| Agreement details |  |
| Agreement on Cyber Security aspects in supplied items be it “internal” or “external” - (details in Proview)  1. Compatibility with Bosch Products and  2. Support Bosch product in fulfilling Cyber security requirements and policies. |  |
| Deliverables |  |
| Milestones |  |
| Monitoring of supplier activities |  |
| Acceptance criteria for the deliverable |  |
| Plan to transition the deliverable into the project |  |

**Decision Analysis and Resolution**

DAR shall follow Proview ([link](https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_mDI5wJmyP4eTos-ibAZNKA))

**Functional Safety for ISO 26262 compliance**

<This chapter is applicable only if AI-ML requirements are relevant for functional safety, if no such requirements, mention as N/A>

**Open-source software management**

**Release (as applicable)**

<Kindly provide information about the period and triggers for conducting PDC>

<Also , Provide list of Deliverable work products that would be released in the project>

**Engineering Support**

**Information security and data protection**

At Bosch, the Cyber Security and Data Protection practices stated in CD07000 and CD 02900, CD 07900 respectively.

* For any project, where end deliverables (which includes deliverables either from internal and / or external suppliers) are used by Global customers (B2B or B2C), such projects shall comply with Security Engineering Process (SEP) refer Proview.
* For any project, where end deliverables may be used at enterprise level (within BGSW or at Bosch), such projects shall comply to CD 07900. Normally such projects will be developed based on the user requirements gathered by respective BU’s ICO and gets the IT systems conformance to security through CI/DAV organization.
* Data Protection: DSO2 to update.

<Please contact DSP (Data protection and Information Security Partner) of your department for any clarifications regarding the below objectives)>

|  |  |  |  |
| --- | --- | --- | --- |
| # | ISMS Objectives | Information with SC2 and SC3 | Measures implemented. |
| 1 | Confidentiality | * Development /Research data è C-SC3 * Product launch, Business strategies and mergers * Contracts and Agreements à C-SC2 * all development documents needing protection. E.g. development drawings with partly confidential content (C-SC2) * safety case ISO 26262, product FMEA, process FMEA (C-SC2) * CDQ0306 --Management of Special Characteristics * Patent documents - prior to filing the patent application (C-SC2) * Product-relevant reports to authorities e.g. reports according to TREAD Act (C-SC2) * Code used for software development->C-SC2 | Examples of measures     * Access control: no unauthorized use of the systems, e.g. safe passwords, automatic locking system, two-factor authentication, encryption of data carriers. * Maintain sensitive / confidential hard copy files in a lock and key condition. * Encrypt while storing sensitive personal data. * While processing personal data appropriate deletion concept has to be elaborated and implemented |
| 2 | Integrity | * There exists a high security requirement with regard to integrity, if a change is not at all permissible and falsifications have to be eliminated reliably, e.g. in case evidence or documents with a statutory duty to preserve records è I-SC3 * Insurance contracts à I-SC3 * Contractual agreements and Management meeting minutes-I-SC3 * Financial results of organization->I-SC3 * Management of incorrect and non-compliant products and processes-ISC2 * External, binding correspondence * Payroll and attendance data of associates->I-SC3 * Patents of the Bosch Group before publication– I-SC3 * Bosch external websites-I-SC3 | Examples of measures     * Definition and allocation of appropriate write authorizations * labelling and versioning of files * Printing of documents * Archiving of signed printouts * Plausibility check, , 4 eye check. * Specific technical protection of the related IT Systems * Technical checksums, [e.g.at](http://e.g.at/) data transmission * Commit/Rollback method at database –transactions * Digital Signature * Data access control: no unauthorized changing or deleting within the system, e.g. authorization concepts and specific access rights, logging of accesses to be enabled. |
| 3 | Availability | * info in data centers A-SC3 * production: Standstill of the production due to the malfunction of a computer, which provides production relevant data A-SC3 * Product Approval Information A-SC2 * Control of measuring devices, test equipment, tools, samples, and inventory A-SC2 * Internet connection->A-SC3 | Examples of measures     * Availability control: Protection against coincidental or deliberate destruction resp. loss, e.g. backup strategy (online/offline; on-site/off-site), |
| 4 | Privacy | * Beliefs, opinions, race, biometrics, orientation, offences, health are PII (personally identifiable information) C-SC3 * Medical records and history C-SC3 * Products with personal data -> C-SC2 * Password C-SC3 * Medical records and history C-SC3 * Sexual orientation C-SC3 * Financial information such as Bank account or credit card or debit card or other payment instrument details->C-SC3 | Examples of measures     * Encrypt while storing / transmitting sensitive personal data. * While processing personal data appropriate deletion concept has to be elaborated and implemented * A "retention of data" is not allowed. Only those personal data which are needed for a specific purpose may be collected and processed. Only the minimum of data is allowed to be collected. |
| 5 | Legality | a)  Check for Legal permissions, work council agreement, collective agreement, contractual performance of the region where product is released etc. ->C-ISC3   b)  Do you need to take into consideration any special laws for this product? ->C-ISC3 | Examples of measures  All the required agreements to be in place |
| 6 | Continuous improvement | Internal and external audit reports->C-SC2   * Internal Process review changes, metrics-C-SC1 and C-SC2 * Vulnerability assessments and penetration tests. C-SC2 * Monitoring of Security KPI’s and SLA’s. C-SC2 * Security engagement models for project management * Security incident reviews- C-SC2 |  |

Note: Security Class 0 = no protection requirement, 1 = low protection requirement ,2 = medium protection,3 = high protection requirement

 For clarifications related to:

* Data Protection - contact BGSW/DSO2
* Cyber Security –
  + For Captive projects (targeted for Global customers), contact respective GB Product Security Officer (like XC,, CC, BHCS, DC) (refer [list of ProSOs](https://connect.bosch.com/wikis/home?lang=en-us#!/wiki/W0edaa9b1485e_441a_8a87_b4c7187b980a/page/List%20of%20GB%20Product%20Security%20Officers%20%28GB%20ProSOs%29))
  + For non-captive projects (targeted for Global customers) contact **BGSW-Product Security Officer**

**PP Maintenance < Not to be updated >**

* Person responsible for PP maintenance                 : Project Manager
* Evaluation and approvals to changes in PP             : Group Manager
* Communication to changes in PP                           : Project Manager shall inform the development team.
* Updating of plan                                                    : Plan shall be updated at the end of each phase and when changes occur.

Triggers for revisiting the Project Plan are as mentioned in Project planning procedure.

**Usage of Open Source Software (OSS)**

**Third Party SW License Management**

<Describe the usage of 3rd party SW license management in the project. Refer to the procedure in Proview>.

<https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/activity/_LLVewGGEMT2yk95bQvfZiA>

Tracker template:

<https://kor2vm0022.apac.bosch.com/stages/#/workspace/4300/_vv/process/artifact/_kuIhcOCwMUCyk95bQvfZiA>

<Please provide the link to the 3rd party SW license tracker maintained in the project server.>

**Configuration Management and Backup & Recovery plan**

|  |  |
| --- | --- |
| **Configuration Management                         [ Master List Link here]** | |
| **CM Responsible & Responsibilities** | Configuration Manager : <<Name>>Responsible for  * Identify Configurable Item and CM Tool * Configuration status accounting * Access control * Baselining process, managing changes  to baselined Cis and control change |
| **List of CM system used** | <<Customer recommended CM tools and other CM repositories used in project can be listed here.For example: SharePoint, TFS, Bitbucket etc.,>> |
| **Naming Conventions**  **Engineering Artefacts**  **Non-Engineering Artefacts** | <<Provide naming conventions for documents and records>> |
| **Merge and Branch strategy (if any)** | <<provide the link here>>For Example: |
| **Backup, Recovery & Archival plan** | <<Backup is centrally managed by CI or mention explicit Backup plan in case of customer recommended CM tool been used >> |