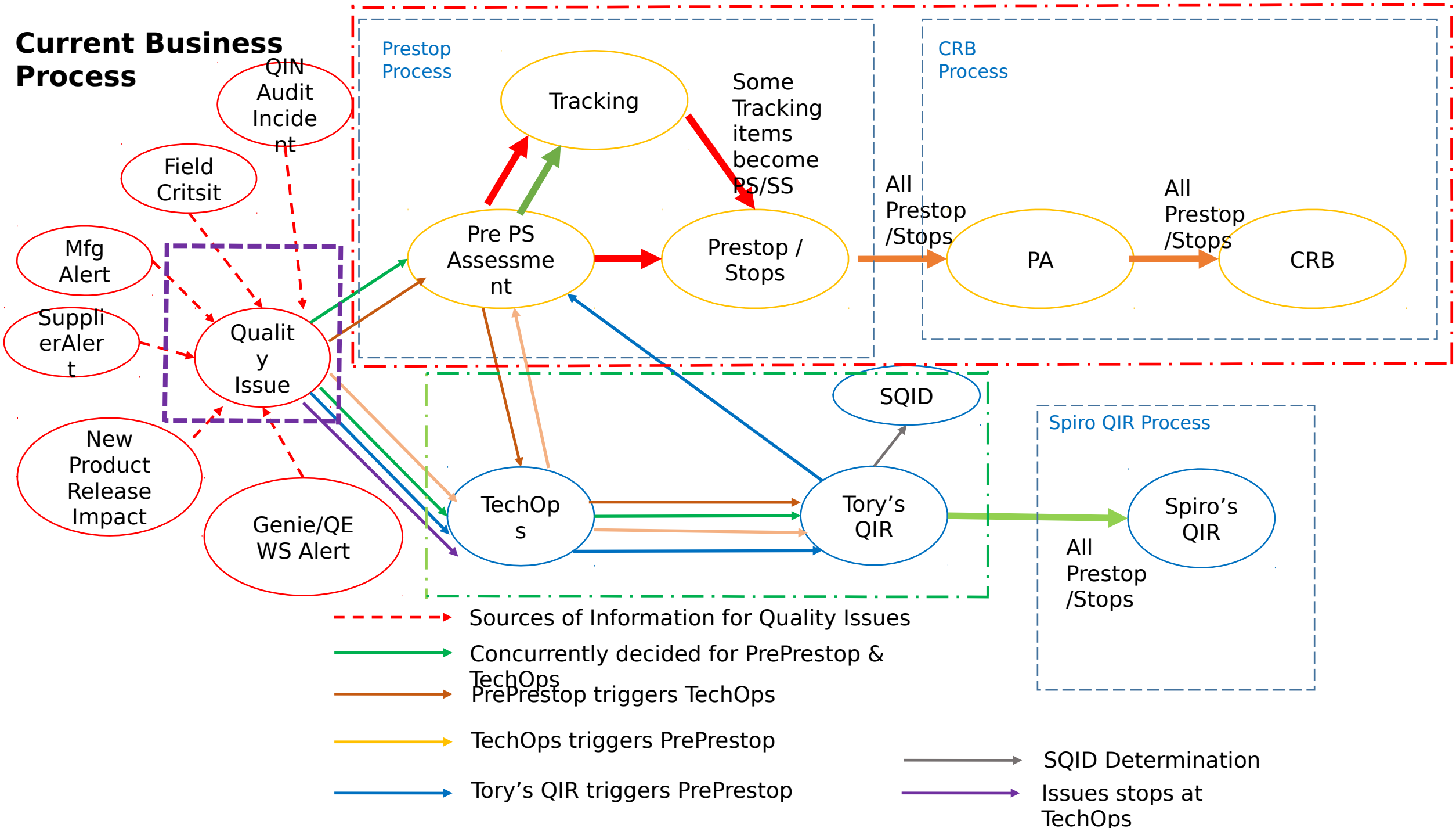
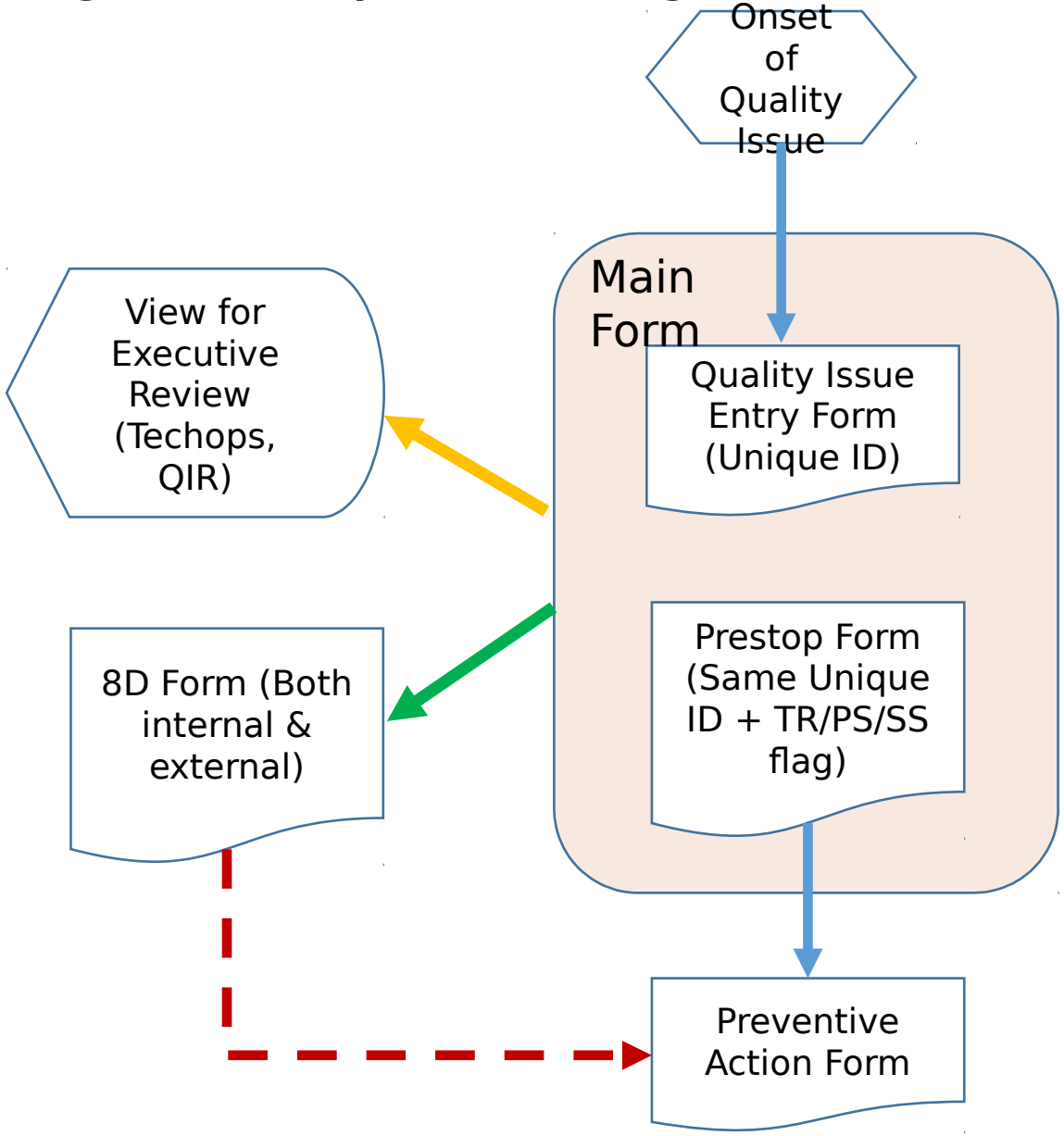
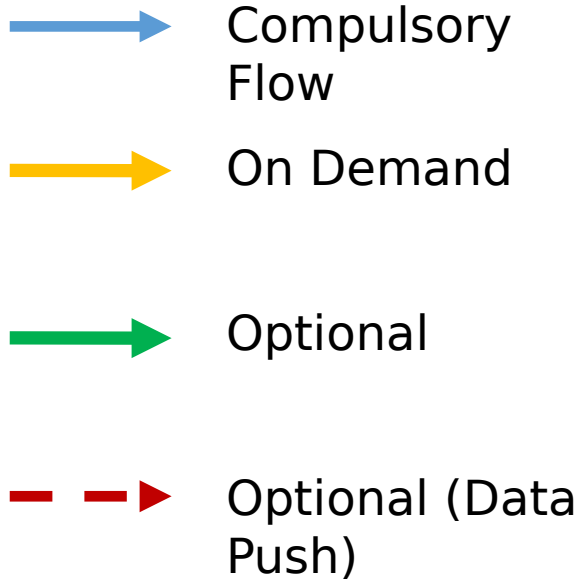
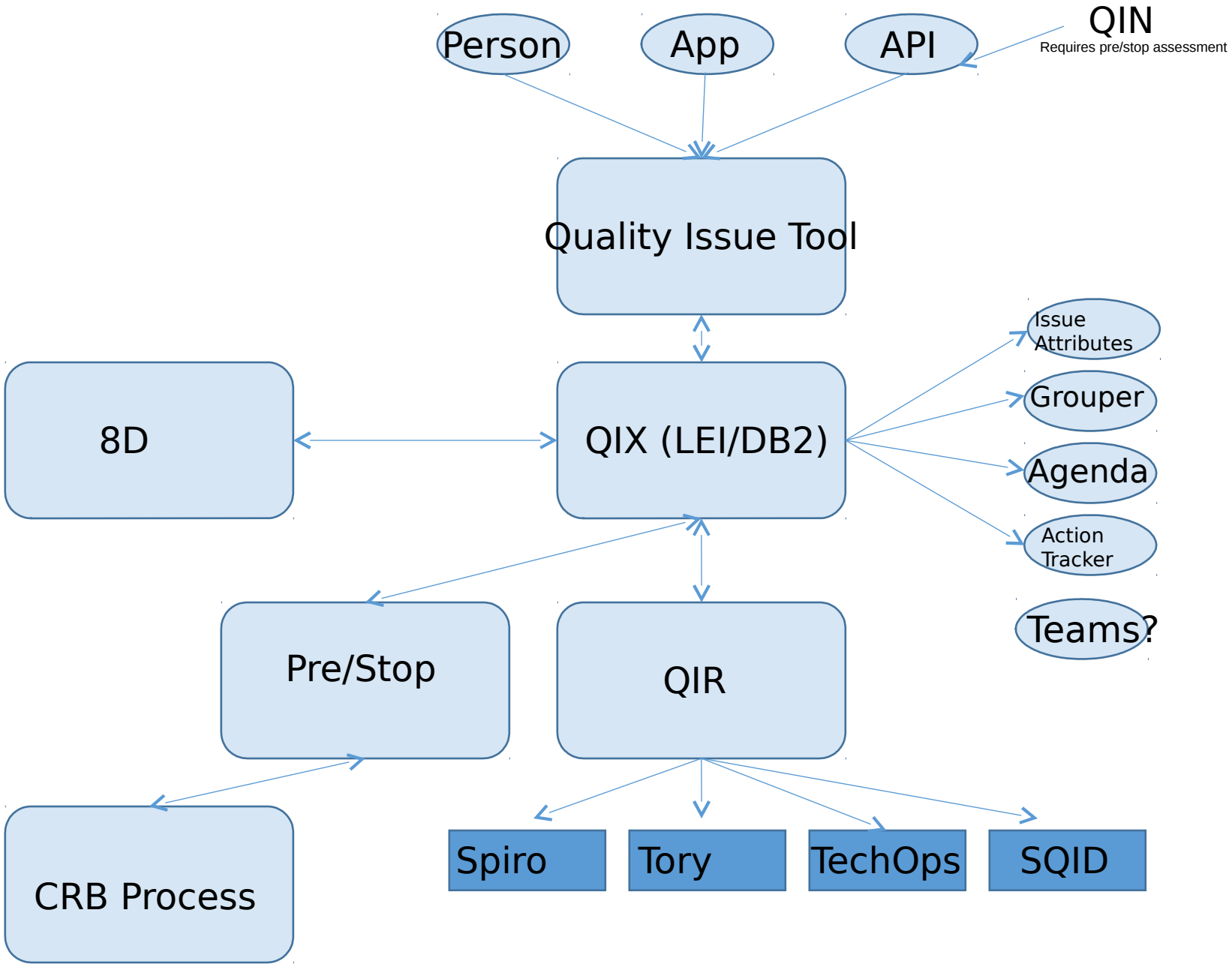
Current Business Process



High Level System Design






Person
App
API
QIN
Requires pre/stop assessment
Quality Issue Tool
8D
QIX (LEI/DB2)
Issue Attributes
Grouper
Agenda
Action Tracker
Teams?
Pre/Stop
QIR
CRB Process
Spiro
Tory
TechOps
SQID

QIT

Title

Create Date | Modified Date | Close Date

Owner

Status

Problem Description

Problem Status

Attributes

Attributes:

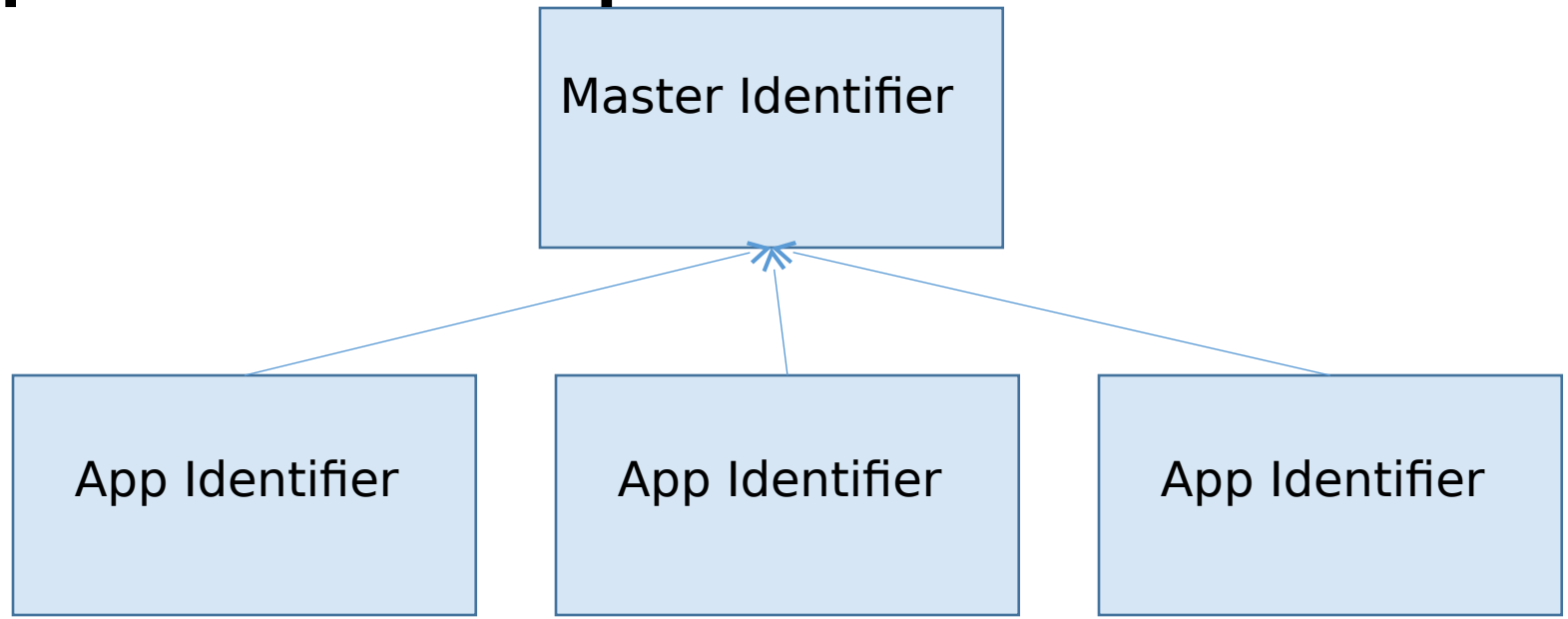
MTM

PN

Commodity

Supplier

Grouper Concept



Trigger to Quality Incident

- API to be able to accept calls from different tools that can start the process.
- Three paths in
  - Manual entry (people feeding the application)
  - Application (another tool feeding the application) User says flag this as an incident and pops up a pre-populated window.
  - Data driven API call (application uses business rules and prepopulates data)
- Need a spec to provide data needed to prepopulate the form

High Level System Design - Notes

- Main Form
  - Entry Form shall have all fields currently required in QIRF
  - Entry From is owned by individual issue owner
  - SSC (Stop Ship Coordinator) has the authority to upgrade Entry From into Prestop Form (TR/PS/SS).
  - Once upgraded to Prestop Form, ownership is automatically transferred to SSC.
  - Prestop Form shall have all necessary field from current SS db (current SS db will be reviewed to identify fields not required in the new system)
- View for Executive Review
  - At any point of time, issue owner and/or SSC shall have the ability to generate this view from main form, regardless the state of the main form (i.e. Entry Form or Prestop Form)
  - The view shall follow the current PDF format generated from QIRF
- 8D Form
  - Optional form issued by issue owner, to either supplier or internal
  - Same function of current 8D form in SPL
  - Allow data push to PA form: option for user
- Preventive Action Form
  - Similar format of current Preventive Action Form
  - Only Prestop Form has the function to launch Preventive Action Form
  - Only SSC or CBR chair are able to launch the form

High Level System Design - Notes

- Form ID
  - YYYY<Year>-XX<Type>-SSSS<Serial> (Same as current SS db)
  - <Type>
    - QI: quality issue (for entry form)
    - TR: tracking
    - PS: Prestop
    - SS: Stopship
    - PI: Pervasive Issue

- Pervasive Issue View (a different flow)
  - A separate function to allow grouping multiple issues into one Pervasive issue
  - A separate view to allow user to view Pervasive issue and drill down into individual issues
  - Individual issue shall still its own form (either entry form or presto form)
  - Can only be closed when all child document is closed

- Action Tracker
  - Keep track of individual actions needed, who owns and date due
- Need to use Master data – supplier name, commodity, MTM, PN – (FRU PN vs. consumed PN, Assembly PN vs. procured PN), brand

Security

- Roles
  - Reader – read only
  - Author – create, edit own, read, ability to push issue to agenda. Note, cannot push to PS/S – only SSC/QIR can do that
  - Admin – view everything, allowed to perform everything
  - SSC/QIR – Ability to transfer ownership, ability to create PS/S, ability to launch PA form, Ability to view everything, including secure docs, ability to push issue to agenda
- Ability to secure a specific document to only allow it to be viewed by team members + Admin + SSC/QIR
  - Team is owner, Exec Owner, Manager, Additional team members.

Security

SSO Application sign-in

BlueGroup Support for application sign-in

BlueGroup for Reader level

BlueGroup for Author

Authors can add owners, editors and readers to Forms

Forms are access controlled so only people that are authorized can see sensitive documents

BlueGroup for editor for backups / manager

BlueGroup for admin

BlueGroup for stop ship coordinator - can pull docs and also only ones to create ps/s/agenda

Secure by brand, commodity

Ability to mark sensitive / private

QIR / SSC can create QIR forms from any issue

SSC / CRB can create Preventive Action Doc

BlueGroup for Executives

Story Board

Prototype GUI View