



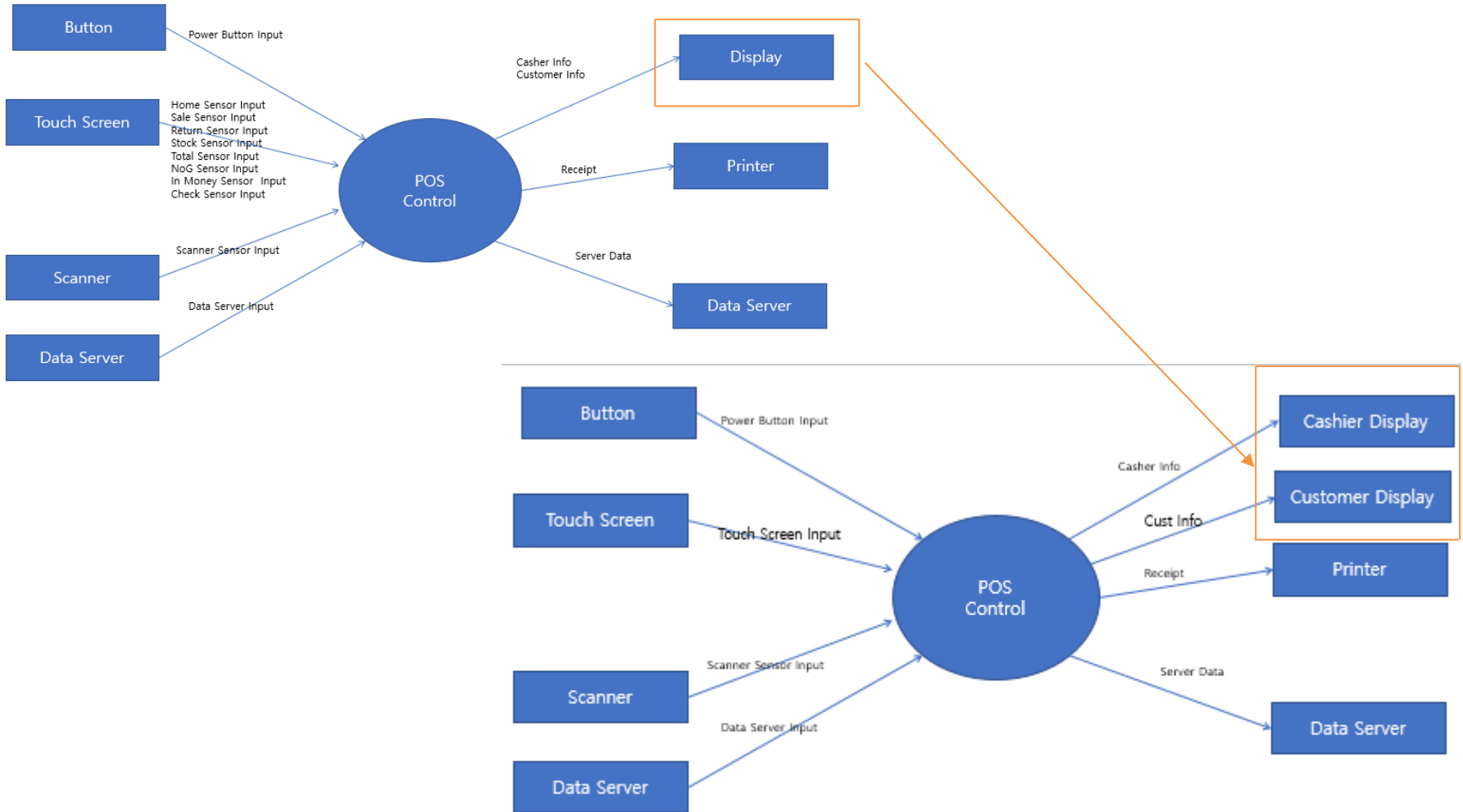
Team 1

201311272 나경수
201411276 서수빈
201411313 장진서
201611293 전다운

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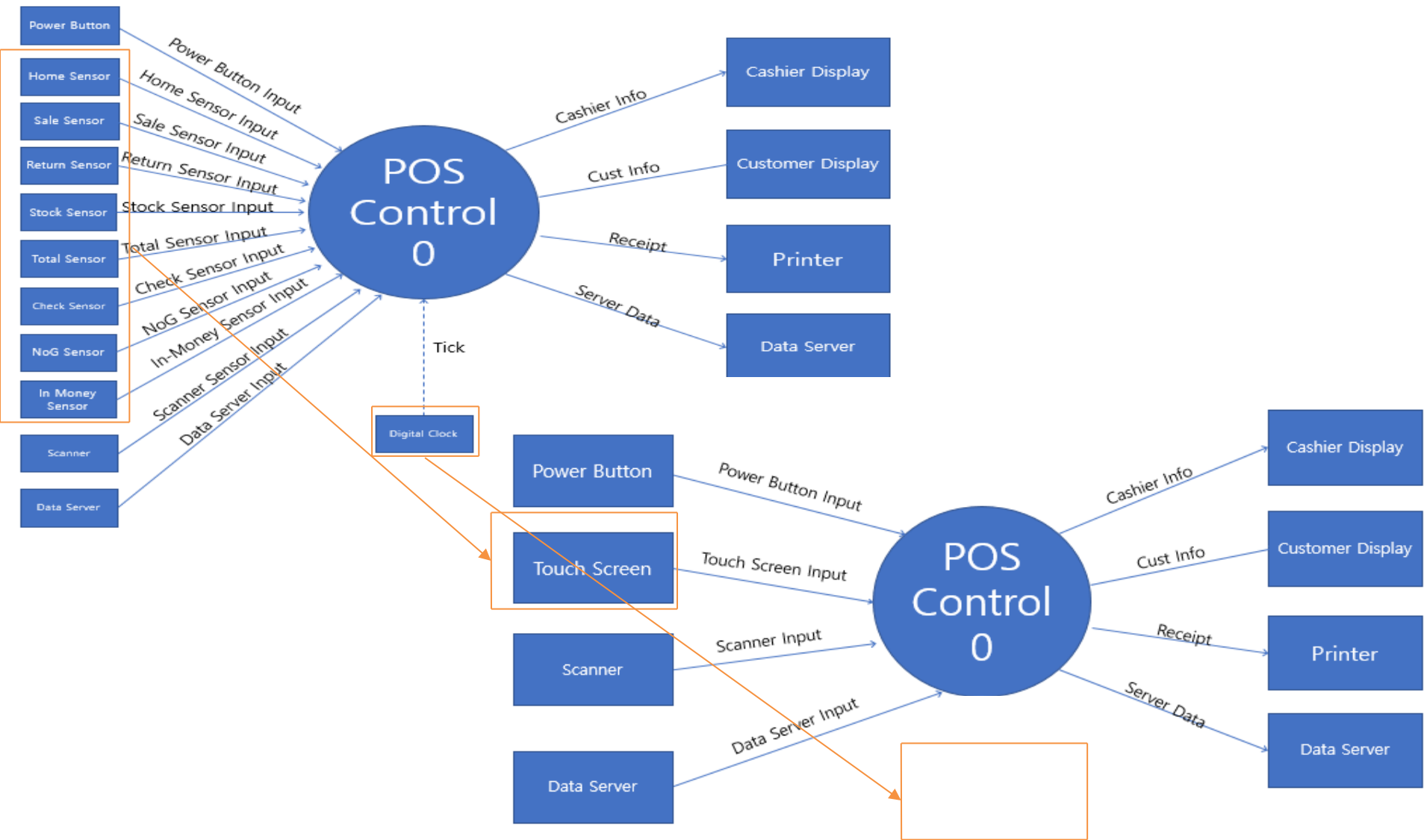
1. System Context Diagram



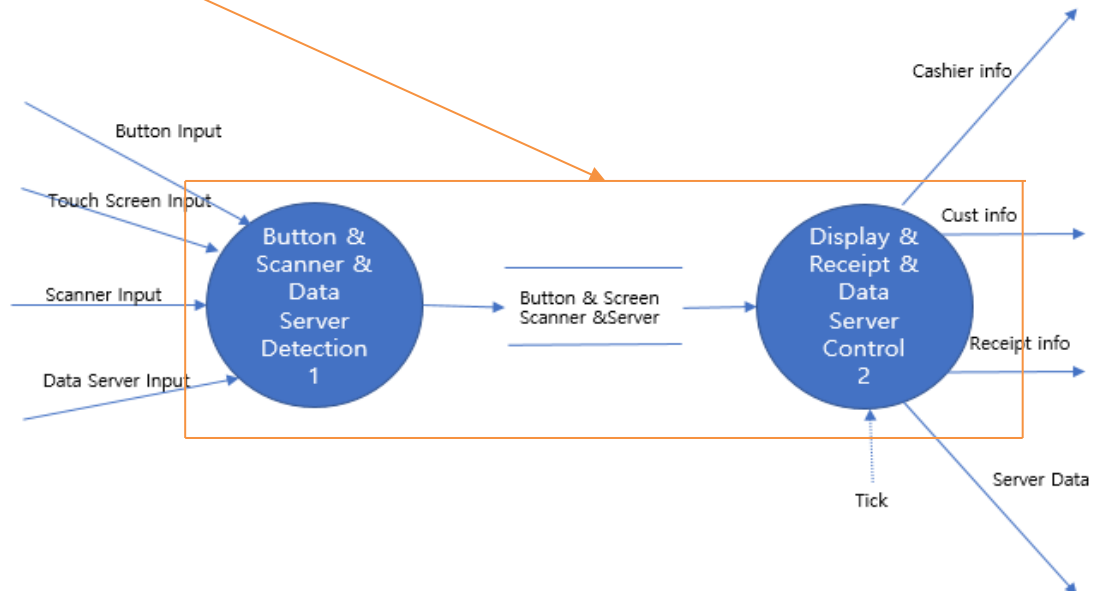
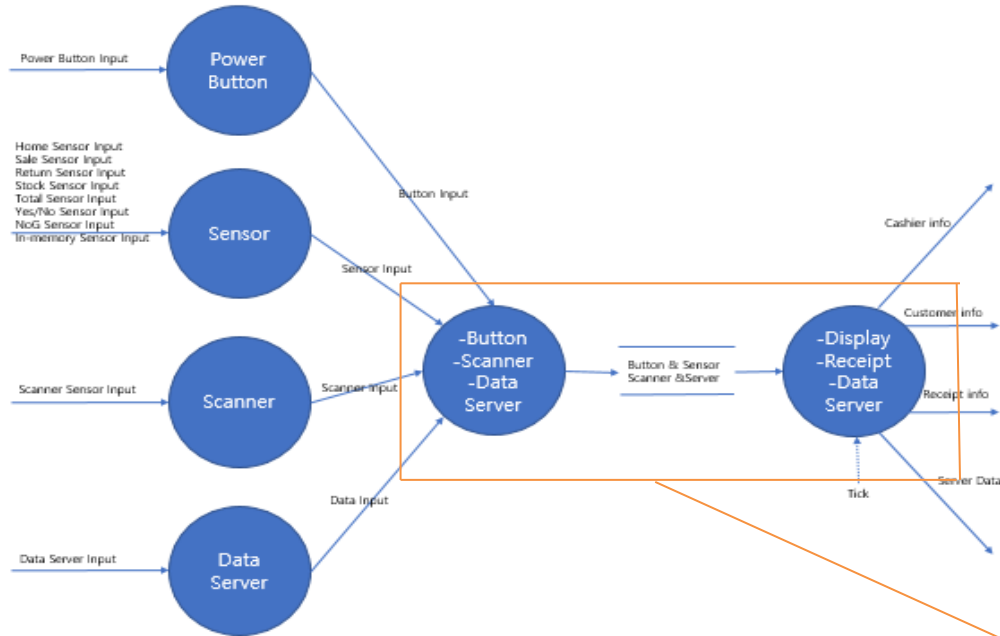
NoG: Number of Goods

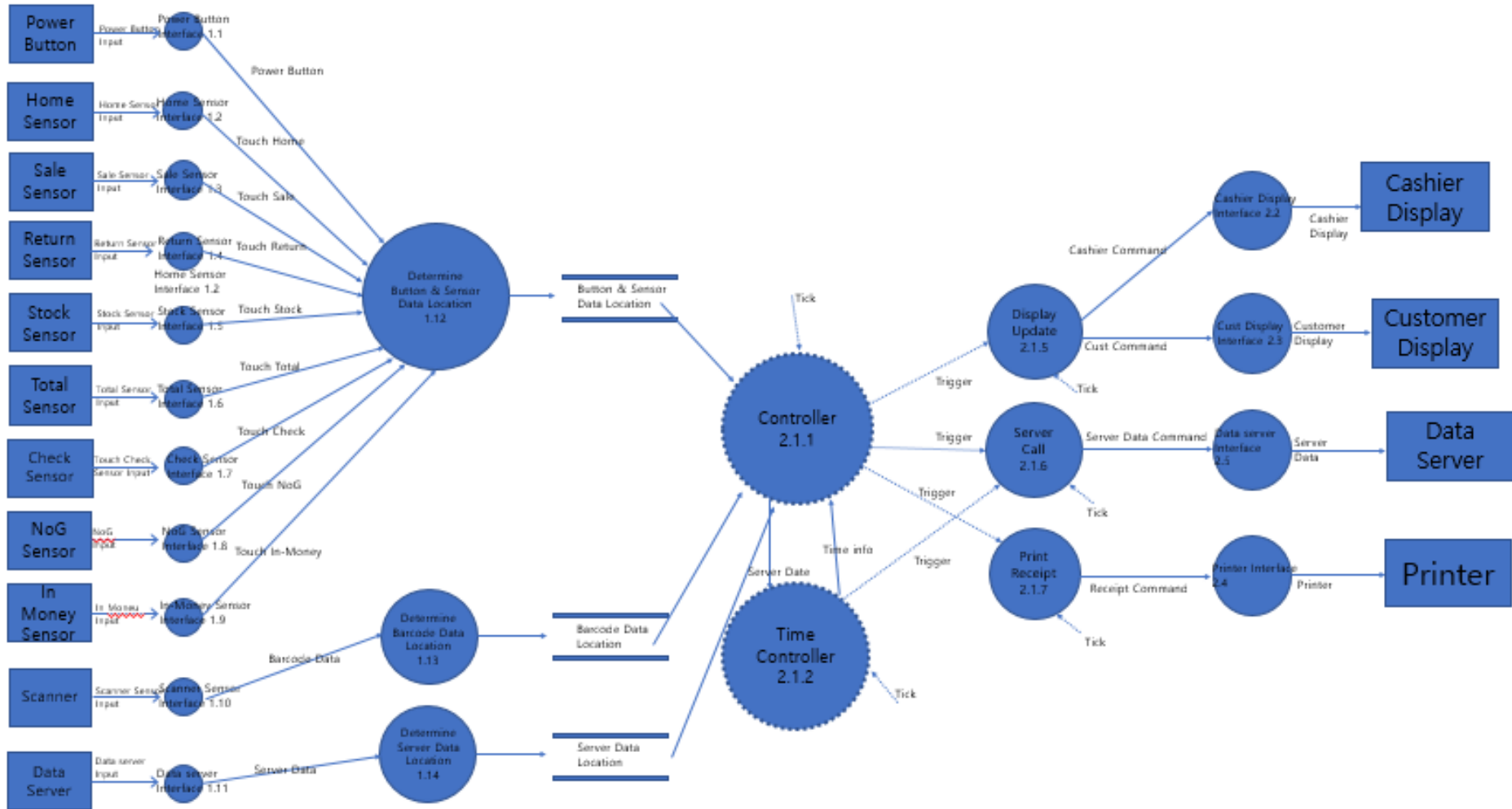
01

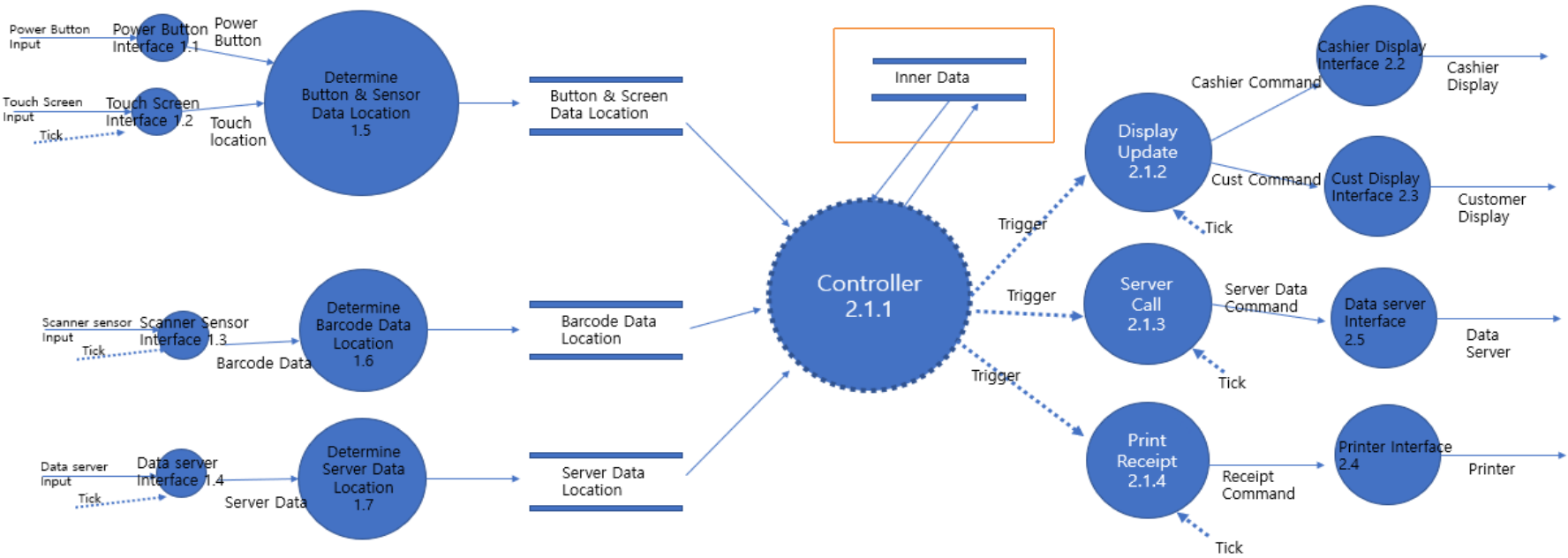
2. DFD level 0



3. DFD level 1 numbering



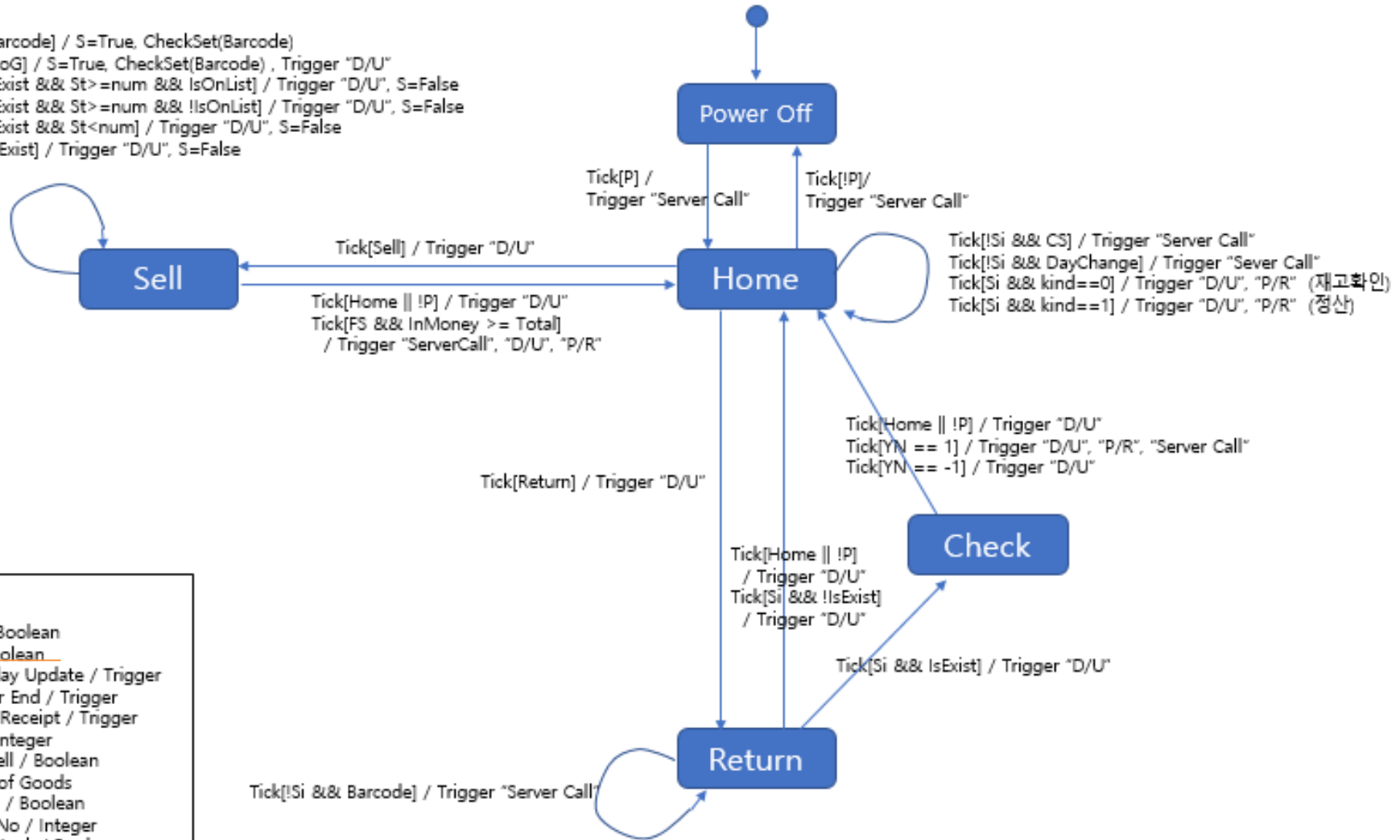




Inner Data	Description	Data Type
	DayChange : Time Controller로부터 일이 바뀔 때 마다 True를 입력받는다.	True/False
	IsExist : 해당 제품이 존재하는 지 여부를 알려준다.	True/False
	IsOnList : 해당 제품이 판매목록상에 있는지 여부	True/False
	Num : 구매 수량에 대한 정보	Integer
	Total : 결제금액에 대한 정보	Integer
	St : 해당 제품의 재고 정보를 알려준다.	Integer

3. DFD level 4 ver 1.0

Tick[!S && Barcode] / S=True, CheckSet(Barcode)
 Tick[!S && NoG] / S=True, CheckSet(Barcode), Trigger "D/U"
 Tick[S && IsExist && St>=num && IsOnList] / Trigger "D/U", S=False
 Tick[S && IsExist && St>=num && !IsOnList] / Trigger "D/U", S=False
 Tick[S && IsExist && St<num] / Trigger "D/U", S=False
 Tick[S && !IsExist] / Trigger "D/U", S=False

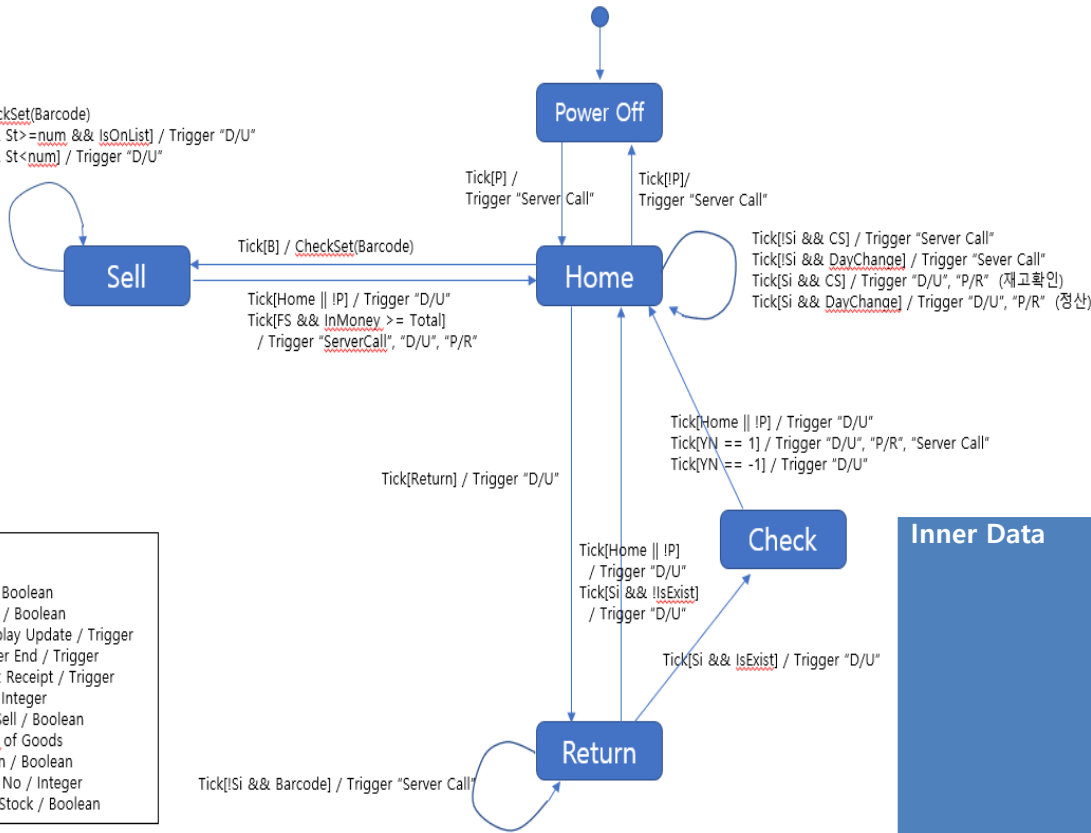


약어설명

- P : Power / Boolean
- S : Sign / Boolean
- "D/U" : Display Update / Trigger
- "S/E" : Server End / Trigger
- "P/R" : Print Receipt / Trigger
- St : Stock / Integer
- FS : Finish Sell / Boolean
- NoG : Num of Goods
- Si : Server in / Boolean
- YN : Yes or No / Integer
- CS : Check Stock / Boolean
- CurDay : Current Day / Integer

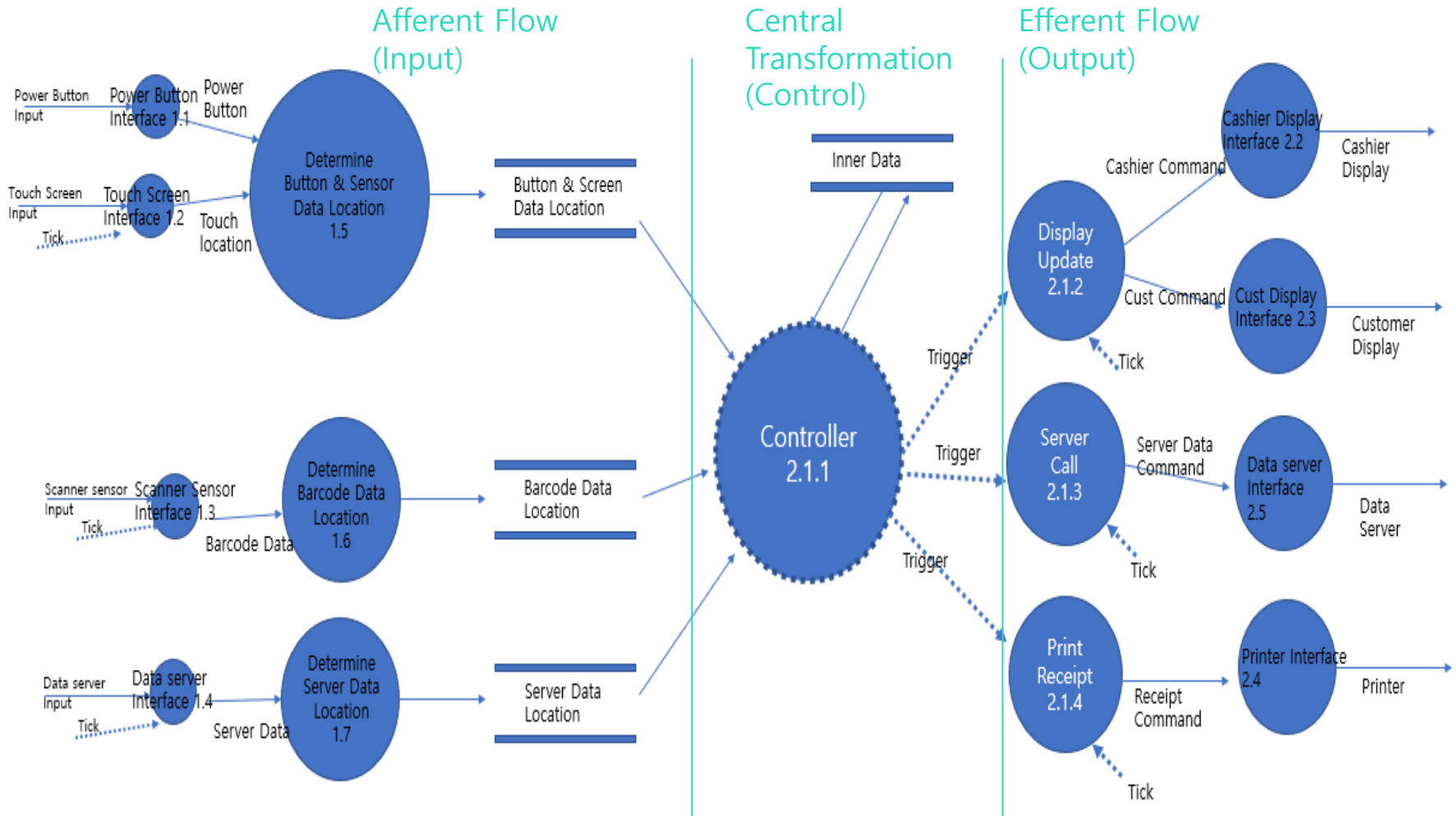
3. DFD level 4 ver 2.0

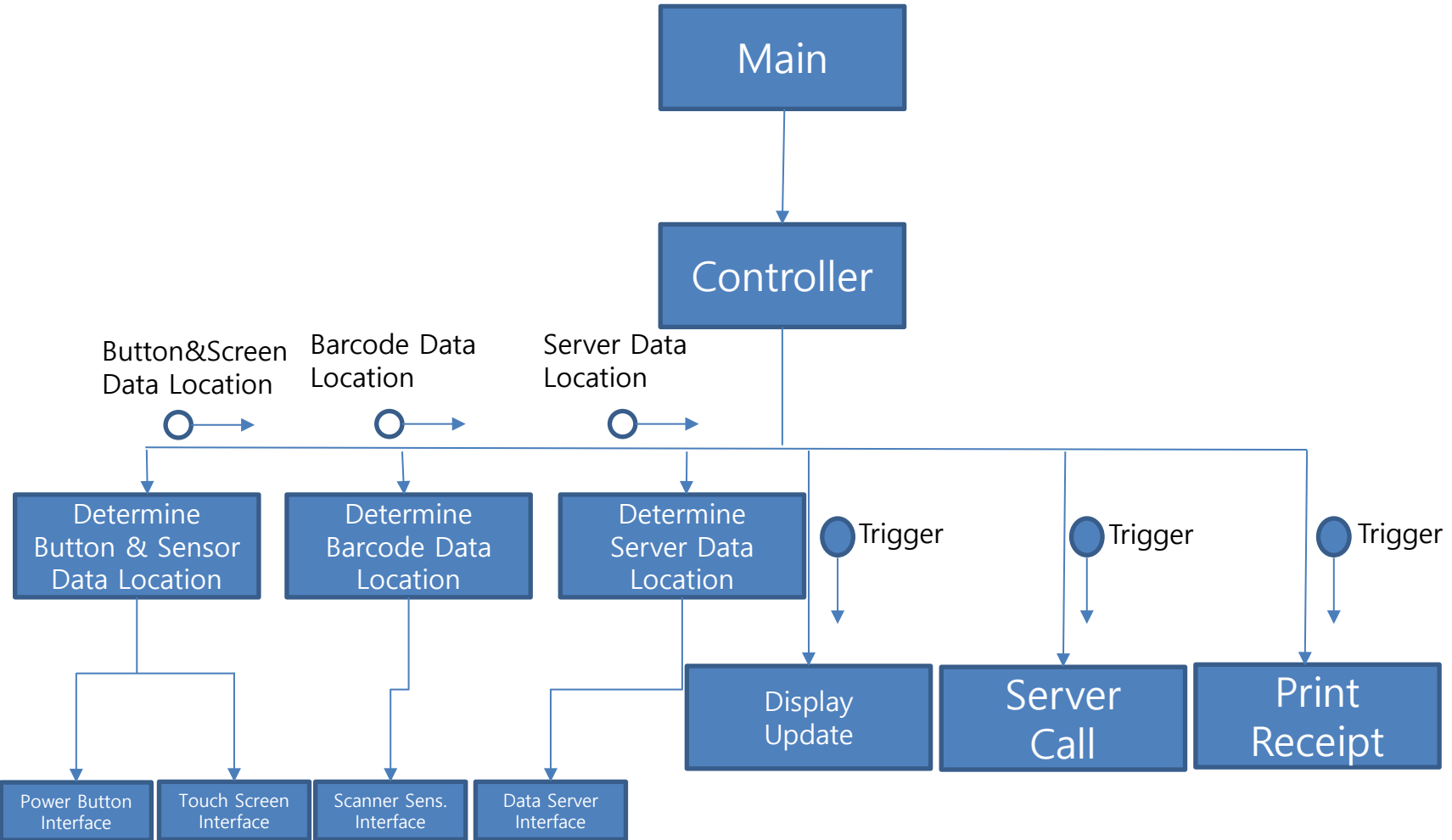
Tick[B] / CheckSet(Barcode)
 Tick[NoG && St>=num && IsOnList] / Trigger "D/U"
 Tick[NoG && St<num] / Trigger "D/U"

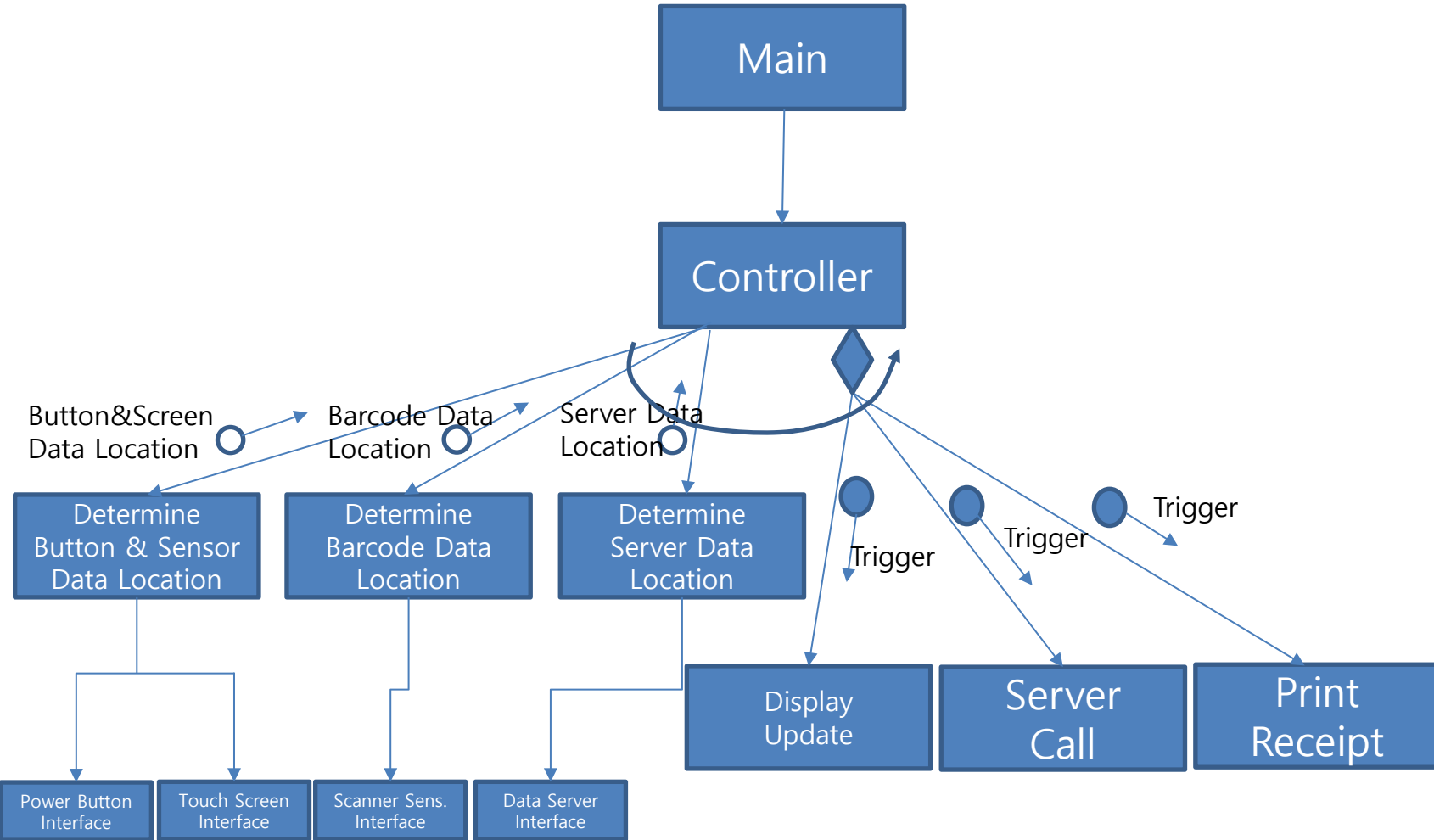


약어설명
 P : Power / Boolean
 B : Barcode / Boolean
 "D/U" : Display Update / Trigger
 "S/E" : Server End / Trigger
 "P/R" : Print Receipt / Trigger
 St : Stock / Integer
 FS : Finish Sell / Boolean
 NoG : Num of Goods
 Si : Server in / Boolean
 YN : Yes or No / Integer
 CS : Check Stock / Boolean

Inner Data	DayChange : Time Controller로부터 일이 바뀔 때마다 True를 입력받는다.	True/False
IsExist : 해당 제품이 존재하는 지 여부를 알려준다.		True/False
IsOnList : 해당 제품이 판매목록상에 있는지 여부		True/False
Num : 구매 수량에 대한 정보		Integer
Total : 결제금액에 대한 정보		Integer
St : 해당 제품의 재고 정보를 알려준다.		Integer







Q & A