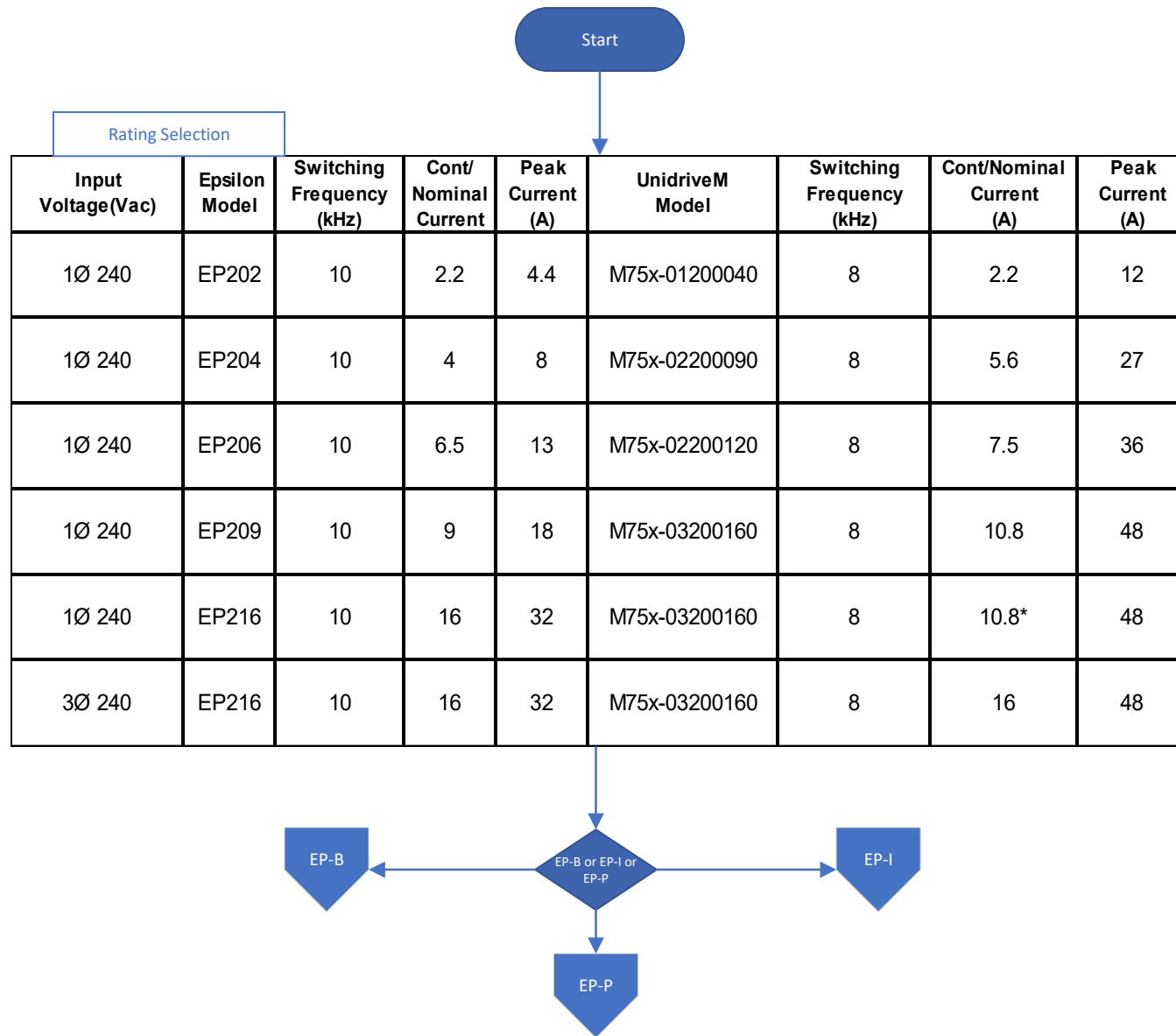


**NOTES:**

1. Motor characteristics not calculated the same in Epsilon vs DHD/UniM.
2. Epsilon could use single ended commutation –DHD/UniM cannot. Need single ended board
3. Epsilon could use marker for alignment. DHD/UniM cannot. Have to use “wake and shake” if not vertical
4. Speed loop tuning is different in DHD/UniM. Will require re-tuning speed loop.
5. Epsilon-B, -I had fixed register mapping for RTU. DHD/UniM cannot follow this so remapping req.
6. Epsilon -P free form mapping. DHD/UniM cannot follow this so remapping req.

*Rating without Cap Share Module. With Cap Share and Inductor 15A.

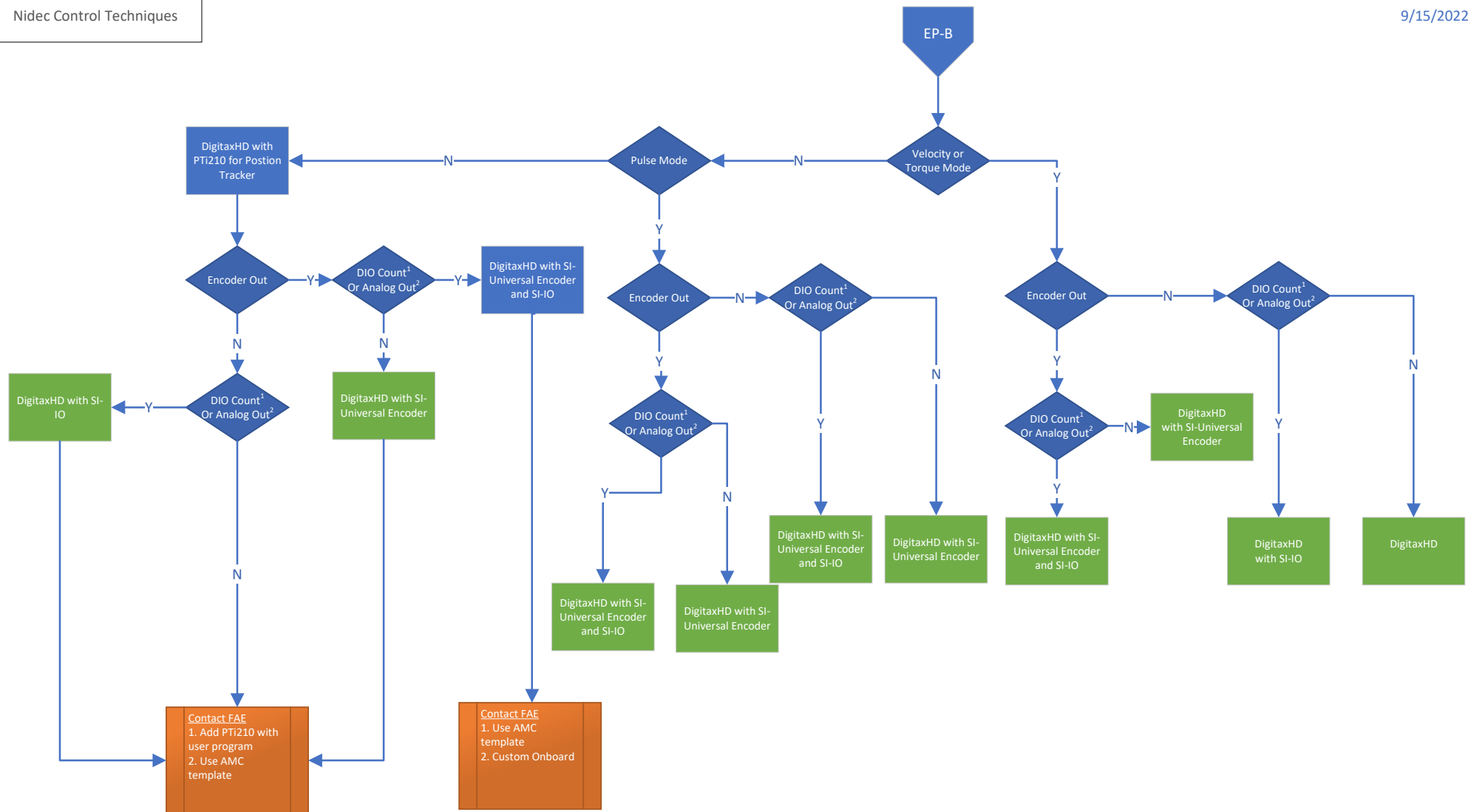
IO Comparison	Default/Alternate Modbus Comms	Optional Comms	Hardware Enable	Digital Inputs	Digital Outputs	Analog Inputs	Analog Outputs	Pulse Input	Encoder Output ^{***}
EP-Base	RS485	-	1	4	3	1-14bit	2-10bit	1	1
EP-Indexer*	RS485	<u>DeviceNet</u>	1	15	8	1-14bit	2-10bit	1	1
EP-Programming*	RS485/Ethernet	<u>DeviceNet</u> or Profibus or <u>EtherNet/IP</u>	1	15	8	1-14bit	2-10bit	1	1
UniDrive M75x	RS485/Ethernet ^{****}	-	2xSTO	2	3	1-11bit	0	1	0
SI-I/O**	-	-	-	Up to 8	Up to 6	Up to 3-12 bit	Up to 1-13bit	-	-
SI-Universal Encoder**	-	-	-	-	-	-	-	1	1
SI- <u>DeviceNet</u> **	-	<u>DeviceNet</u>	-	-	-	-	-	-	-
SI-Profibus**	-	Profibus	-	-	-	-	-	-	-

* When migrating from EP-Indexer and EP-Programming drives it is likely that SI-I/O modules will be required

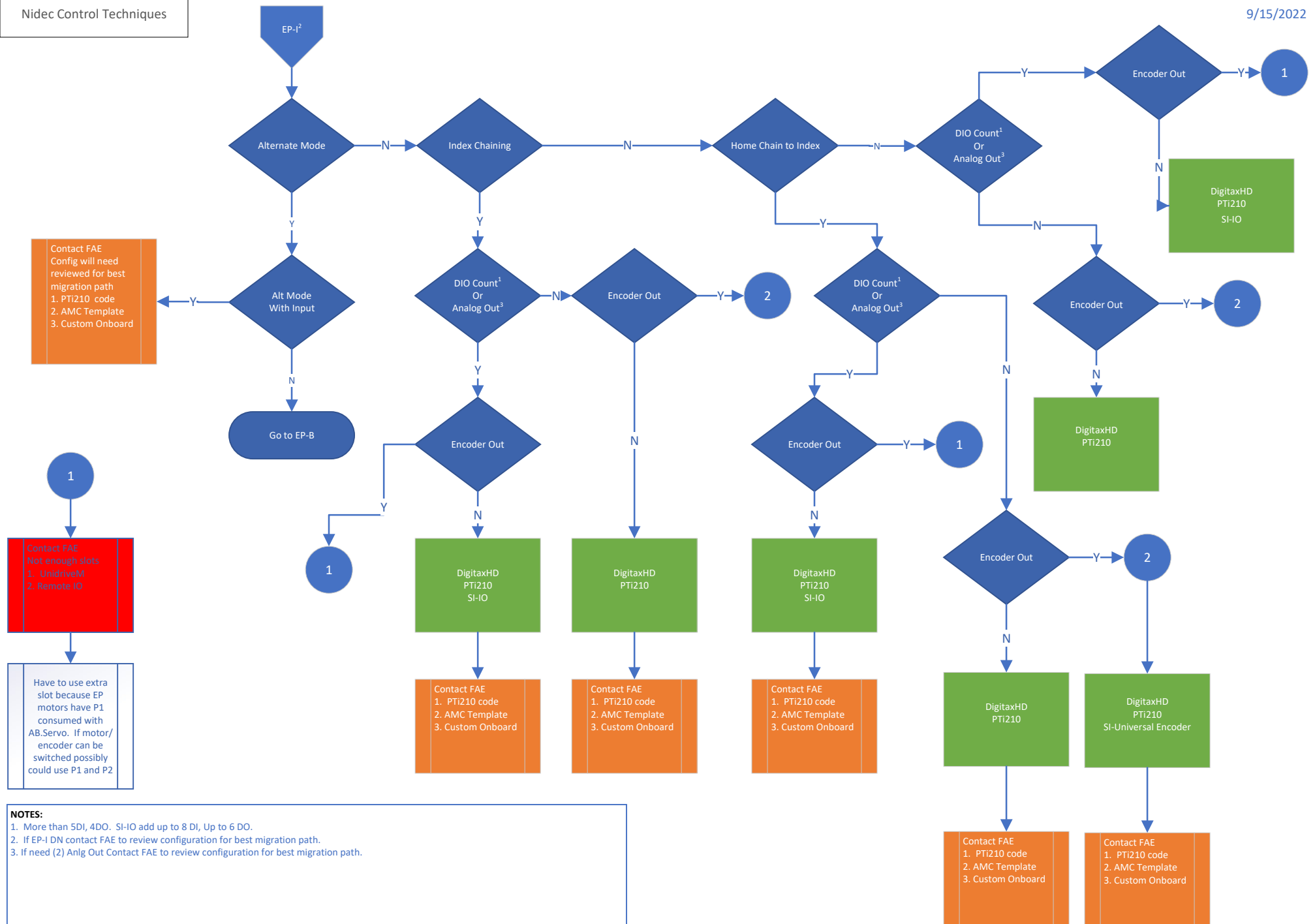
** Up to 2 SI modules can be used to add I/O and/or Comms capabilities per Digitax HD drive

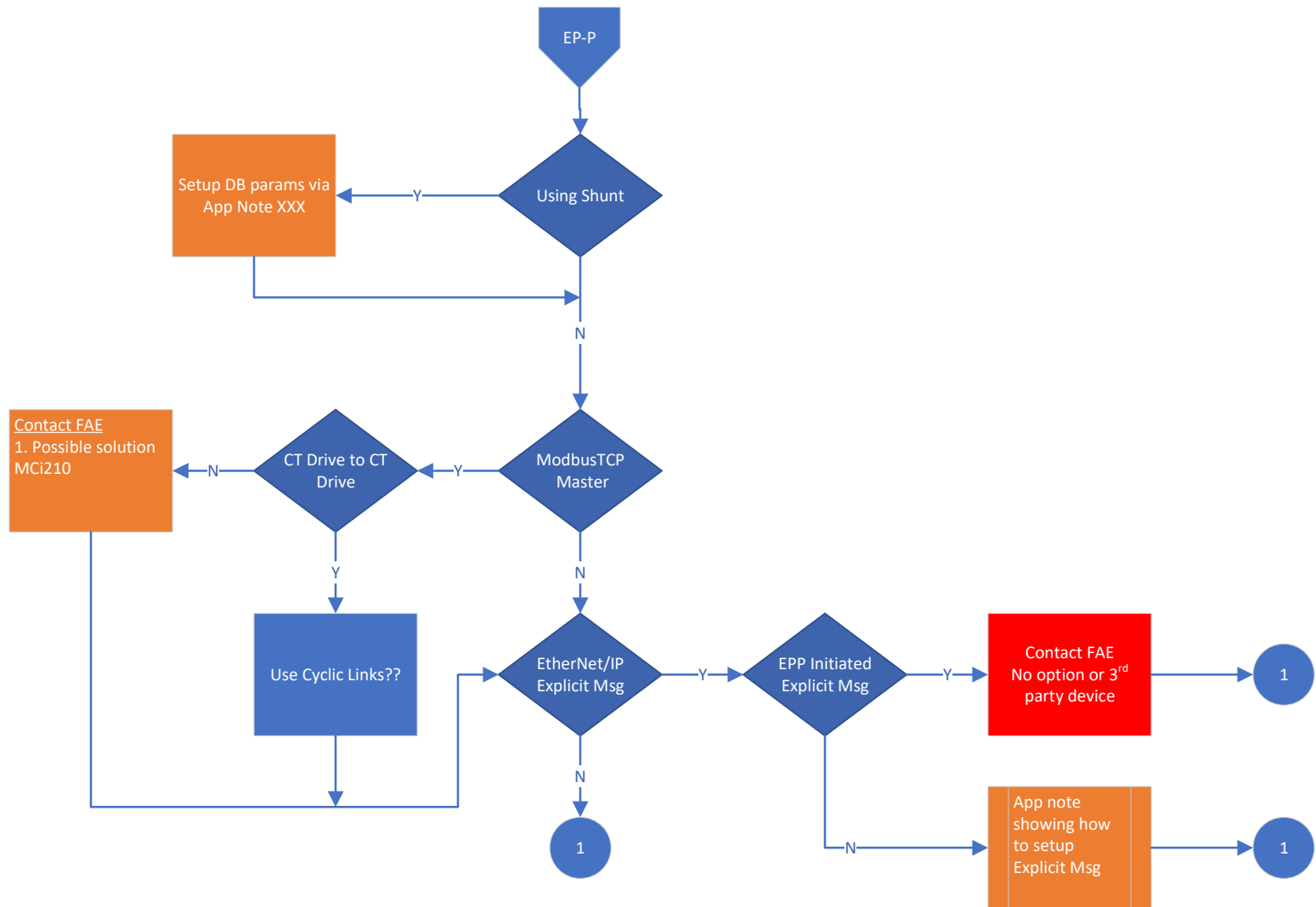
*** An SI-Universal Encoder module is required

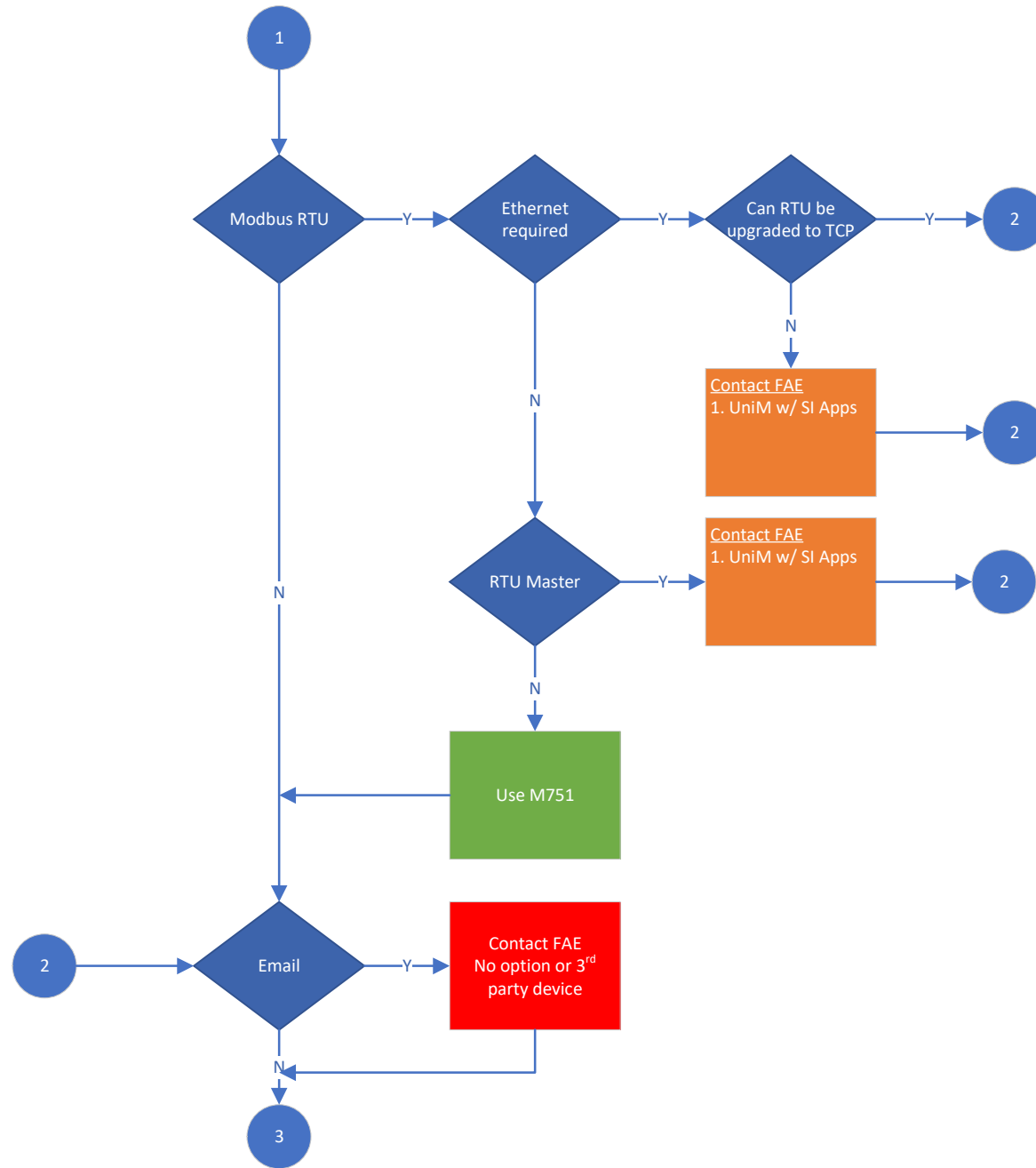
**** RS485 is M751 and Ethernet is M750

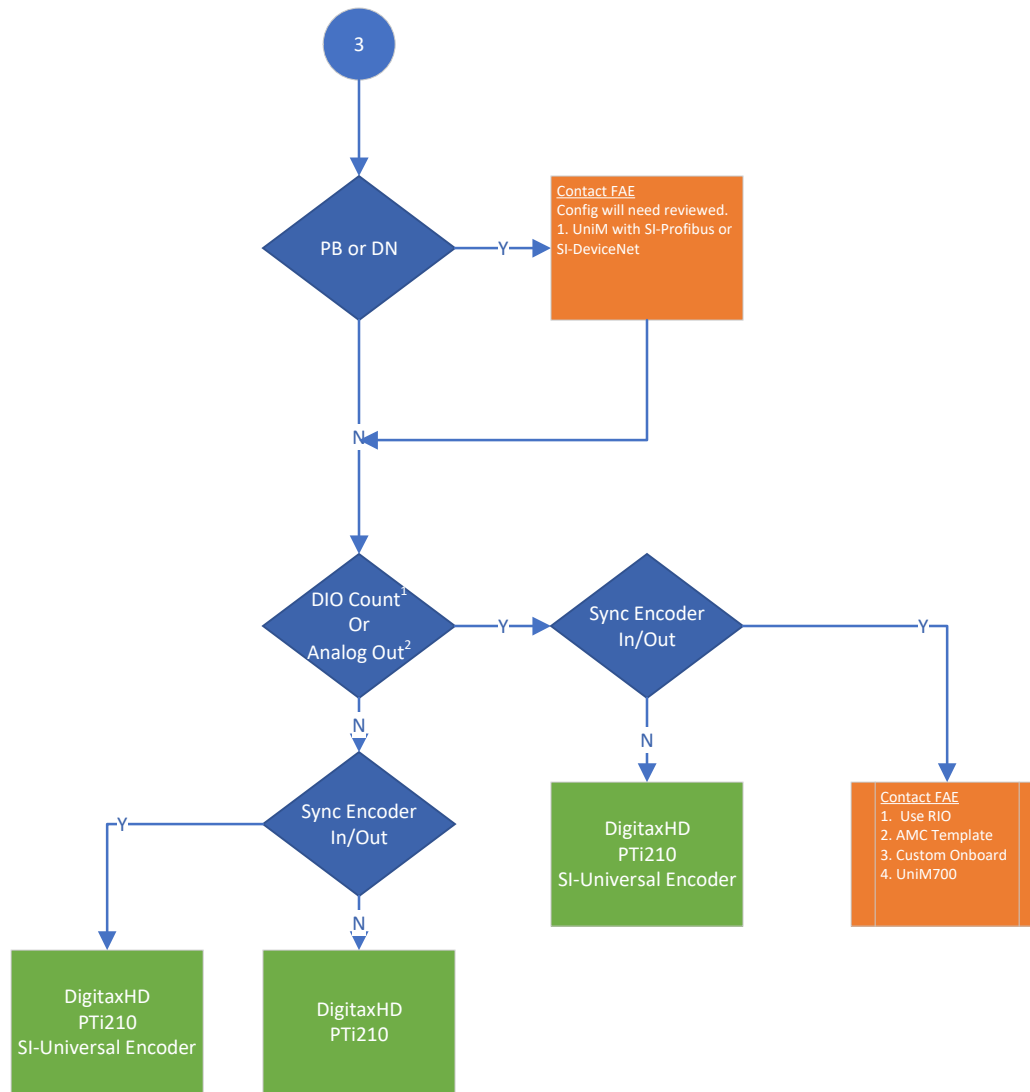
**NOTES:**

1. More than 2 DI, 3 DO. SI-IO add up to 8 DI, Up to 6 DO.
2. If need (2) Anlg Out Contact FAE to review configuration for best migration path.







**NOTES:**

1. More than (5) DI, (4) DO. SI-IO add up to 8 DI, Up to 6 DO.
2. If need (2) Anlg Out Contact FAE to review configuration for best migration path.