

**8 PICS proforma tables**

The following tables are composed of the detailed questions to be answered, which make up the PICS proforma.

**8.1 MSP Basic requirements**

Table 2 – MSP requirements

Item number	Item description	Reference	Status	Support
BR1	Are the MSP devices based on a Zigbee Compliant Platform?	[R2] 1.1.1	M	Yes
BR2	Are the MSP devices based on ZCP certified software and hardware?	[R2] 1.1.1	M	Yes

Below, please provide a detailed description of the the changes made to the certified ZCP platform (removed features/commands, changed features, etc.)

*No modification on ZCP from EMBER.*

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8.2 MSP Deployment Case

Table 2 – MSP Deployment cases

Item number	Item description	Reference	Status	Support
DC1	Does the MSP follow a restricted access model?	[R2] 1.2.1	O.1	Yes
DC2	Does the MSP follow an Access open network?	[R2] 1.2.2	O.1	No
DC3	Does the MSP follow a Device access network?	[R2] 1.2.3	O.1	No

8.3 MSP general information and conventions

Table 4 – MSP Devices

Item number	Item description	Reference	Status	Support
ZD1	Is the MSP device capable of acting as a coordinator?	[R1] 1.2.1	O.2	Yes
ZD2	Is the MSP device capable of acting as a Router?	[R1] 1.2.2	O.2	Yes
ZD3	Is the MSP device capable of acting as a End Device?	[R1] 1.2.3	O.2	Yes

Table 4 – MSP Conventions

Item number	Item description	Reference	Status	Support
ZC1	Does the MSP device have a stack profile = 0?	[R2] NOTE	DC1:M	No
ZC2	Does the MSP coordinator avoid using a channel with an existing PAN on it?	[R2] NOTE	O	No
ZC3	Does the MSP device avoid continually retrying to form/join a network if it is incapable to do so?	[R2] NOTE	M	Yes

Item number	Item description	Reference	Status	Support
ZC4	Do the MSP devices use Security?	[R2] NOTE	O	No*
ZC5	Does the MSP coordinator beacon at least 3 times before forming a PAN?	[R2] NOTE	O	

*\* We are using standard level of security. No trust center.*

8.4 MSP Coexistence

Table 5 –Commissioning scenarios

Item number	Item description	Reference	Status	Support
CO1	Can the MSP network start up without disrupting an established network?	[R2] 3.1.1	DC1:M DC2: M	Yes
CO2	Can the MSP network, in an established state, not disrupt another network starting up?	[R2] 3.1.2	M	Yes
CO3	Can the MSP network coexist with another established network while trafficking its own data?	[R2] 3.1.3	M	Yes
CO4	Can the MSP network start up without disrupting another network that is starting up at the same time?	[R2] 3.1.4	DC1:M DC2:M	Yes

Table 6 – Network level functioning scenarios

Item number	Item description	Reference	Status	Support
NLF1	Can the MSP device join a public network?	[R2] 3.2.1	DC1:X DC2:M DC3:M	No
NLF2	Can the MSP network/device allow public devices to join	[R2] 3.2.2	DC1:X DC2:M	No

Item number	Item description	Reference	Status	Support
	the network?		DC3:M	
NLF3	Can the MSP device broadcast data without negatively affecting other devices?	[R2] 3.2.3	O	Yes
NLF4	Can the MSP devices communicate using their private profile without affecting other devices of different application profiles?	[R2] 3.2.4	M	Yes
NLF5	Can the MSP network run at its maximum without disrupting other networks or devices?	[R2] 3.2.5	M	Yes

Table 7 –AF Interoperability scenarios

Item number	Item description	Reference	Status	Support
AFI1	Can the MSP device properly answer a ZDO Service Discovery?	[R2] 3.3.1	DC2:M DC3:M	Yes
AFI2	Can the MSP device properly answer a ZDO Device Discovery?	[R2] 3.3.2	DC2:M DC3:M	Yes
AFI3	Can the MSP device properly answer a Route request?	[R2] 3.3.3	DC2:M DC3:M	Yes
AFI4	Can a MSP device allow devices using other application profiles to join?	[R2] 3.3.4	DC1:X DC2:M DC3:M	Yes
AFI5	Can the MSP device route packets of other application profile devices under direct transmission?	[R2] 3.3.5	DC2:M DC3:M	Yes
AFI6	Can the MSP device send packets over a tree containing devices of different application profiles?	[R2] 3.3.6	DC2:M DC3:M	No