1. **SYSNC REQUEST PROCESS 0x28**

**Comando enviado desde coordinador hacia NUC**

26/08/15 - 12:30:54 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 28 01 78 ca 33 cc ]

28 01 = Successful SYNC\_REQUEST status

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 12:30:54 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 0e 00 79 08 09 01 0a b6 da 24 50 4e b4 70 1d 85 89 f0 33 cc ]

**50 4e b4 70 1d 85 = #$%!%$%**

**Comando enviado desde coordinador hacia NUC**

26/08/15 - 12:30:54 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 50 01 5a ca 33 cc ]

50 01 = Successful WRITE\_MODE\_UPDATE\_TIME\_DATE

1. **READ MODE VERSION COORDINATOR PROCESS 0x40**

**Comando enviado desde NUC hacia Coordinador**

25/08/15 - 16:02:01 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 40 19 57 33 cc ]

40 = Command id READMODE\_VERSION\_COOR\_LOCAL

**Comando enviado desde coordinador hacia NUC**

25/08/15 - 16:02:01 INFO ri.apiwsac2.CommandProcessor Receiving: 20 bytes-> [ 55 cc 0c 00 79 08 09 01 0a b6 da 24 40 01 a8 14 c1 f8 33 cc ]

40 01 = Successful command status

a8 14 = 14 a8 = 000101 00101 01000 = 5.5.8

1. **DOOR ALARM PROCESS 0x25**

**Comando enviado desde coordinador hacia NUC**

25/08/15 - 11:30:37 INFO ri.apiwsac2.CommandProcessor Receiving: 31 bytes-> [ 55 cc 17 00 79 08 09 01 0a b6 da 24 25 01 37 04 09 01 0a b6 da 24 ab 54 6f 1d 01 f7 b7 33 cc ]

25 01 = Command id de alarma, 00 closed door, 01 opened door y 02 batery mode

Ab 54 6f 1d 01 = Cabinet time

**Comando enviado desde NUC hacia coordinador**

25/08/15 - 11:30:37 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 11 00 79 08 09 01 0a b6 da 24 29 37 04 09 01 0a b6 da 24 a6 df 33 cc ]

29 = Command id de alarma procesada

**Comando enviado desde coordinador hacia NUC**

25/08/15 - 11:30:37 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 29 01 79 5a 33 cc ]

29 01 = Command id de alarma procesada con status successfull

25/08/15 - 11:30:37 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia coordinador**

25/08/15 - 11:30:38 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id de peticion de estado de coordinador

**Comando eviado desde Coordinador hacia NUC**

25/08/15 - 11:30:38 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 07 8a c8 33 cc ]

25/08/15 - 11:30:38 WARN ri.apiwsac2.CommandProcessor Silent alarm

90 07 = Status de coordinador, 07 ALARM\_OFF

Observaciones:

Siempre genera el estado de ALARM OFF, no importa en que estado se encuentre la puerta, lo único que detecta es el toggleo de estado.

1. **DOOR ALARM STATUS 0x2A**

**Comando enviado desde NUC hacia el Coordinador**

25/08/15 - 12:44:49 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 11 00 79 08 09 01 0a b6 da 24 2a 37 04 09 01 0a b6 da 24 b2 2f 33 cc ]

2a = Command id para solcitar el door alarm status

**Comando enviado desde Coordinador hacia NUC**

25/08/15 - 12:44:49 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 2a 01 79 aa 33 cc ]

2a 01 = successful command status

25/08/15 - 12:44:49 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia Coordinador**

25/08/15 - 12:44:50 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde coordinador hacia NUC**

25/08/15 - 12:44:50 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 03 8b 0b 33 cc ]

90 03 = FRAGDATA\_ARRIVED Command Status

25/08/15 - 12:44:50 INFO ri.apiwsac2.CommandProcessor Data available

**Comando enviado desde NUC hacia Coordinador**

25/08/15 - 12:44:50 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 33 58 b2 33 cc ]

33 = Command id for BUFFERMODE\_READ\_TEMPORAL\_BUFFER

**Comando enviado desde coordinador hacia NUC**

25/08/15 - 12:44:50 INFO ri.apiwsac2.CommandProcessor Receiving: 32 bytes-> [ 55 cc 18 00 79 08 09 01 0a b6 da 24 33 01 01 10 14 00 ff ff 37 04 09 01 0a b6 da 24 d6 c0 33 cc ]

33 01 = successful command status

01 10 = Puerta abierta alarma hailitada

14 00 ff ff = I don’t know

1. **SINGLE MEASURE PROCESS 0x10**

**Comando enviado desde NUC hacia Coordinador**

25/08/15 - 16:45:22 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 19 00 79 08 09 01 0a b6 da 24 10 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 03 9f 33 cc ]

10 = READ\_MTR\_REM Command id

Numero de serie del medidor

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 = 6380200000000000

**Comando enviado desde Coordinador hacia NUC**

25/08/15 - 16:45:22 INFO ri.apiwsac2.CommandProcessor Receiving: 19 bytes-> [ 55 cc 0b 00 79 08 09 01 0a b6 da 24 10 01 01 8a 2f 33 cc ]

10 01 = Successful command id status

01 = Successful state machine status

25/08/15 - 16:45:22 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia Coordinador**

25/08/15 - 16:45:23 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde Coordinador hacia NUC**

25/08/15 - 16:45:23 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 03 8b 0b 33 cc ]

90 03 = FRAGDATA\_ARRIVED

25/08/15 - 16:45:23 INFO ri.apiwsac2.CommandProcessor Data available

**Comando enviado de NUC hacia Coordinador**

25/08/15 - 16:45:23 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 33 58 b2 33 cc ]

33 = BUFFERMODE\_READ\_TEMPORAL\_BUFFER

**Comando enviado desde Coordinador hacia NUC**

25/08/15 - 16:45:23 INFO ri.apiwsac2.CommandProcessor Receiving: 98 bytes-> [ 55 cc 5a 00 79 08 09 01 0a b6 da 24 33 01 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 ff ff ff ff ff ff ff ff 6b 00 00 00 00 00 00 00 81 18 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 ff ff ff ff 01 00 ff ff 60 9e 6f 1d ff ff ff ff ff ff ff ff 79 00 00 00 ea 97 e2 00 33 cc ]

33 01 = Successful BUFFERMODE\_READ\_TEMPORAL\_BUFFER status

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 ff ff ff ff ff ff ff ff 6b 00 00 00 00 00 00 00 81 18 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 ff ff ff ff 01 00 ff ff 60 9e 6f 1d ff ff ff ff ff ff ff ff 79 00 00 00 ea 97 = ¨Arrived Packet from Meter

1. **TURN ON RELAY PROCESS 0x12**

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:50:32 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 19 00 79 08 09 01 0a b6 da 24 12 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 a2 ff 33 cc ]

12 = Command id for CON\_MTR\_REM

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 = Meter number

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:50:32 INFO ri.apiwsac2.CommandProcessor Receiving: 19 bytes-> [ 55 cc 0b 00 79 08 09 01 0a b6 da 24 12 01 01 2b ef 33 cc ]

26/08/15 - 09:50:32 INFO ri.apiwsac2.CommandProcessor The command has been received

12 01 = Successful Command id for CON\_MTR\_REM

01 = Successful state machine status

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:50:33 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:50:33 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 01 0a ca 33 cc ]

26/08/15 - 09:50:33 INFO ri.apiwsac2.CommandProcessor The process was successful

90 01 = Successful Commad id for Status request

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:50:35 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 19 00 79 08 09 01 0a b6 da 24 10 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 03 9f 33 cc ]

10 = READ\_MTR\_REM Command id

Numero de serie del medidor

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 = 6380200000000000

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:50:35 INFO ri.apiwsac2.CommandProcessor Receiving: 19 bytes-> [ 55 cc 0b 00 79 08 09 01 0a b6 da 24 10 01 01 8a 2f 33 cc ]

10 01 = Successful command id status

01 = Successful state machine status

26/08/15 - 09:50:35 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:50:36 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:50:36 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 03 8b 0b 33 cc ]

90 03 = FRAGDATA\_ARRIVED

26/08/15 - 09:50:36 INFO ri.apiwsac2.CommandProcessor Data available

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:50:36 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 33 58 b2 33 cc ]

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:50:36 INFO ri.apiwsac2.CommandProcessor Receiving: 98 bytes-> [ 55 cc 5a 00 79 08 09 01 0a b6 da 24 33 01 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 ff ff ff ff ff ff ff ff 6b 00 00 00 00 00 00 00 80 18 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 20 00 ff ff ff ff 1a 2f ff ff 7d 8e 70 1d ff ff ff ff ff ff ff ff 79 00 00 00 48 51 c9 2b 33 cc ]

33 01 = Successful BUFFERMODE\_READ\_TEMPORAL\_BUFFER status

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 ff ff ff ff ff ff ff ff 6b 00 00 00 00 00 00 00 80 18 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 20 00 ff ff ff ff 1a 2f ff ff 7d 8e 70 1d ff ff ff ff ff ff ff ff 79 00 00 00 48 51= ¨Arrived Packet from Meter

1. **TURN OFF RELAY PROCESS 0x11**

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:58:51 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 19 00 79 08 09 01 0a b6 da 24 11 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 52 0f 33 cc ]

11 = Command id for DIS\_MTR\_REM

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 = Meter number

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:58:51 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 11 01 6a 9a 33 cc ]

11 01 = Successful Command id for DIS\_MTR\_REM

26/08/15 - 09:58:51 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:58:52 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:58:53 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 01 0a ca 33 cc ]

90 01 = Successful Commad id for Status request

26/08/15 - 09:58:53 INFO ri.apiwsac2.CommandProcessor The process was successful

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:58:55 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 19 00 79 08 09 01 0a b6 da 24 10 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 03 9f 33 cc ]

10 = READ\_MTR\_REM Command id

Numero de serie del medidor

36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 = 6380200000000000

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:58:55 INFO ri.apiwsac2.CommandProcessor Receiving: 19 bytes-> [ 55 cc 0b 00 79 08 09 01 0a b6 da 24 10 01 01 8a 2f 33 cc ]

10 01 = Successful command id status

01 = Successful state machine status

26/08/15 - 09:58:55 INFO ri.apiwsac2.CommandProcessor The command has been received

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:58:56 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 90 18 cb 33 cc ]

90 = Command id solicita el status de coordinador

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:58:56 INFO ri.apiwsac2.CommandProcessor Receiving: 18 bytes-> [ 55 cc 0a 00 79 08 09 01 0a b6 da 24 90 03 8b 0b 33 cc ]

26/08/15 - 09:58:56 INFO ri.apiwsac2.CommandProcessor Data available

90 03 = FRAGDATA\_ARRIVED

**Comando enviado desde NUC hacia Coordinador**

26/08/15 - 09:58:56 INFO eneri.apiwsac2.HardwareLayer Sending: [ 55 cc 09 00 79 08 09 01 0a b6 da 24 33 58 b2 33 cc ]

**Comando enviado desde Coordinador hacia NUC**

26/08/15 - 09:58:56 INFO ri.apiwsac2.CommandProcessor Receiving: 98 bytes-> [ 55 cc 5a 00 79 08 09 01 0a b6 da 24 33 01 36 33 38 30 32 30 30 30 30 30 30 30 30 30 30 30 ff ff ff ff ff ff ff ff 6b 00 00 00 00 00 00 00 81 18 00 00 ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 13 00 ff ff ff ff dc 20 ff ff 70 90 70 1d ff ff ff ff ff ff ff ff 79 00 00 00 1b e0 01 c2 33 cc ]