

ProSoft Technology – BSAPS Driver

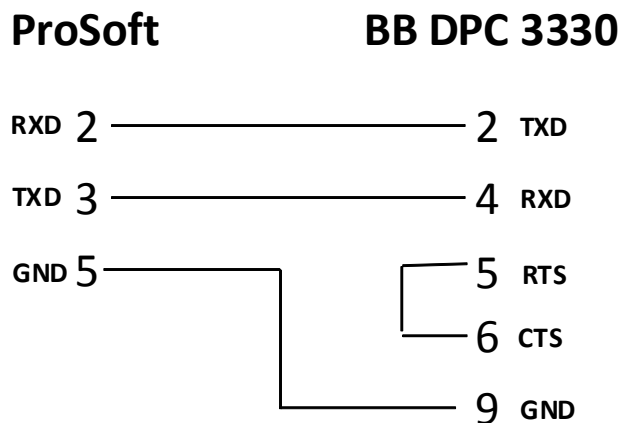
This document describes a few required steps for setting up a BSAP-enabled master device to communicate with ProSoft Technology’s BSAPS – enabled products.

This document assumes the user has a general understanding of the Bristol Babcock ACCOL Workbench software. For this document, a Bristol Babcock DPC 3330 was used.

BSAP Protocol

In order for the Bristol Babcock DPC 3330 and ProSoft Technology’s BSAPS – enabled products to communicate, please review the following information.

Required pin assignments



- The DPC 3330 supports command types “SEND”, “POLL” AND “POLL+SEND”
- **The ProSoft BSAPS protocol ONLY supports “SEND” and “POLL”**
 - A “POLL+SEND” will not work.
- The DPC 3330 “Inlist” must match the ProSoft “BSAPS Data Element” list
- For the DPC 3330 to read and write to the ProSoft BSAPS – enabled device, both a Master Module “Mode 0” (Poll) AND “Mode 1” (send) need to be defined within ACCOL Workbench

The image below is an example of the ACCOL Workbench defining both a Master Module “Mode 0” (Poll) AND “Mode 1” (send).

The screenshot shows the ACCOL Workbench interface with the title bar "ACCOL Workbench - [Dc.ACC <Code for Task 4>]". The menu bar includes File, Edit, View, Actions, Modules, Setup, Window, and Help. The toolbar contains various icons for file operations and execution. The main text area displays two master module definitions, each preceded by a comment line "R15: CAMERON HILL BCBS BS (AB/ProSoft)".

```

690 * C -----
700 * C R15: CAMERON HILL BCBS BS (AB/ProSoft)
710 * C -----
720 * MASTER
    REMOTE          15.0000000
    POINT           1.0000000
    MODE            0
    INTYPE           0.0000000
    OUTTYPE          0.0000000
    INLIST           115.0000000
    OUTLIST          215.0000000
    STATUS_1         R15.STAT1.DONE
    STATUS_2         R15.STAT2.ERR

730 * C -----
740 * C R15: CAMERON HILL BCBS BS (AB/ProSoft)
750 * C -----
760 * MASTER
    REMOTE          15.0000000
    POINT           1.0000000
    MODE            1
    INTYPE           0.0000000
    OUTTYPE          0.0000000
    INLIST           115.0000000
    OUTLIST          215.0000000
    STATUS_1         R15.STAT1S.DONE
    STATUS_2         R15.STAT2S.ERR
  
```

The status bar at the bottom right indicates "Line 239, Col 1".

Please contact ProSoft Technology’s Technical Support Department with any additional questions.