

adinstbpm - Task #20520

Milestone # 20350 (New): IOTA BPM deployment

Milestone # 19607 (New): IOTA ACNET Interface

IOTA BPM TBT Array Device

08/03/2018 09:15 AM - John Diamond

Status:	Assigned	Start date:	08/03/2018
Priority:	Normal	Due date:	
Assignee:	Elliott McCrory	% Done:	80%
Category:		Estimated time:	16.00 hours
Target version:		Spent time:	6.00 hours
Description			
ACNET devices for reading the latest IOTA TBT data as an array.			

History

#1 - 08/03/2018 09:16 AM - John Diamond

Turn by turn arrays for selected bunch (1-4) (h=4)

N:IPBMBN - bunch number select for all bpms

N:IxxxxH[0:N] - horizontal positions, 0 is average over threshold

N:IxxxxV[0:N] - vertical positions, 0 is average over threshold

N:IxxxxS[0:N] - sum intensity signal, 0 is average over threshold

N:IxxxxA[0:N] - A button magnitudes, 0 is average over threshold

N:IxxxxB[0:N] - B button magnitudes, 0 is average over threshold

N:IxxxxC[0:N] - C button magnitudes, 0 is average over threshold

N:IxxxxD[0:N] - D button magnitudes, 0 is average over threshold

#2 - 08/13/2018 02:47 PM - John Diamond

- % Done changed from 0 to 50

TBT positions and magnitudes are working. 0 element still needs work.

#3 - 10/16/2018 11:16 AM - Elliott McCrory

- % Done changed from 50 to 80

- Estimated time set to 16.00 h

Users report that once accessing these devices led to a segmentation fault in the C++ code. I believe this has been resolved, but this needs final testing.