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Subject: Re: How to interface SADC to Time distribution  
Posted by [Igor Konorov](#) on Fri, 30 Apr 2004 14:48:31 GMT

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Dear Walter,  
the SADC as any other FE module has 3 logical interfaces:  
- for time ditribution  
- for configuration , monitoring  
- for data.

We developed a special module GESICA which provides an interface between TCS , DAQ and SADC. It's kind of concentrator module which supports up to 8 SADC modules(see L.Schmitt mail).

The SADC is connected to the GESICA via duplex fibre and we run a custom protocol over this fibre which provides all 3 type of interfaces.

The SADC clock is derived from TCS clock in this way the time of each sample is well known.

Regards. Igor.

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