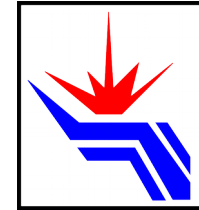


New VME-Based Hardware for Automation in BINP

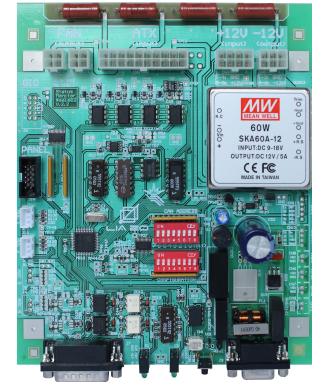
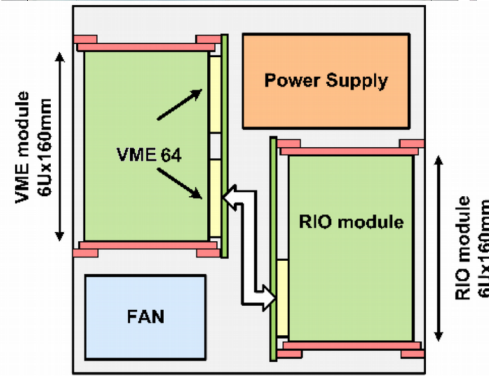
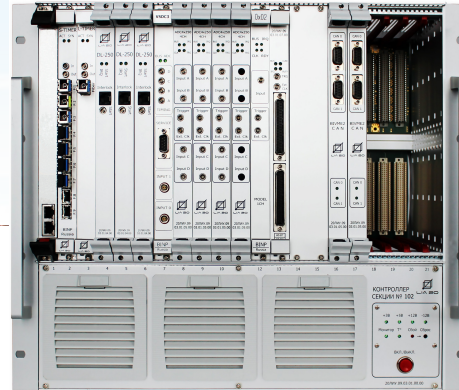
G. Fatkin*, A. Baluev*, E. Kotov*, A. Pavlenko*, A. Panov*, A. Batrakov, Ya. Macheret, V. Mamkin, A. Selivanov,
BINP, Novosibirsk
* and NSU, Novosibirsk

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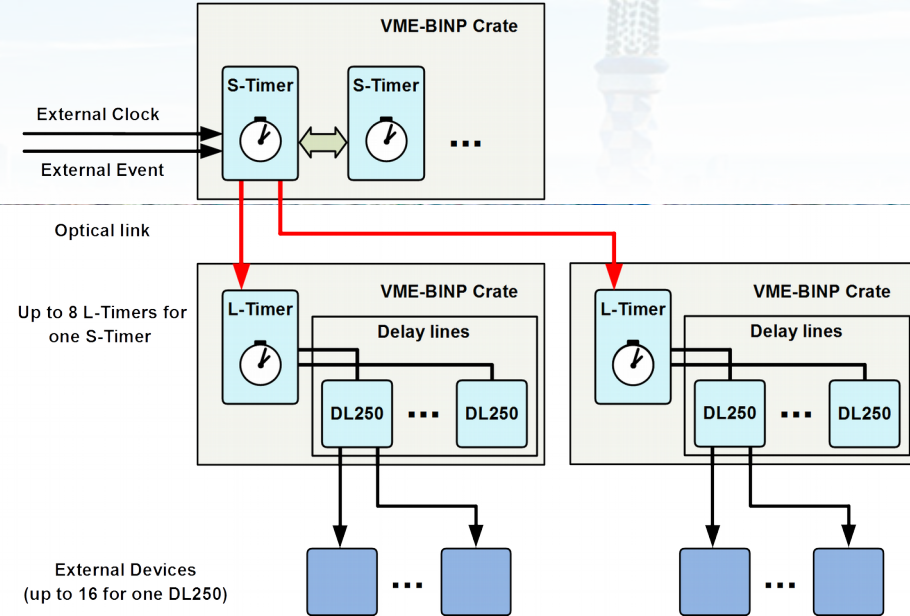
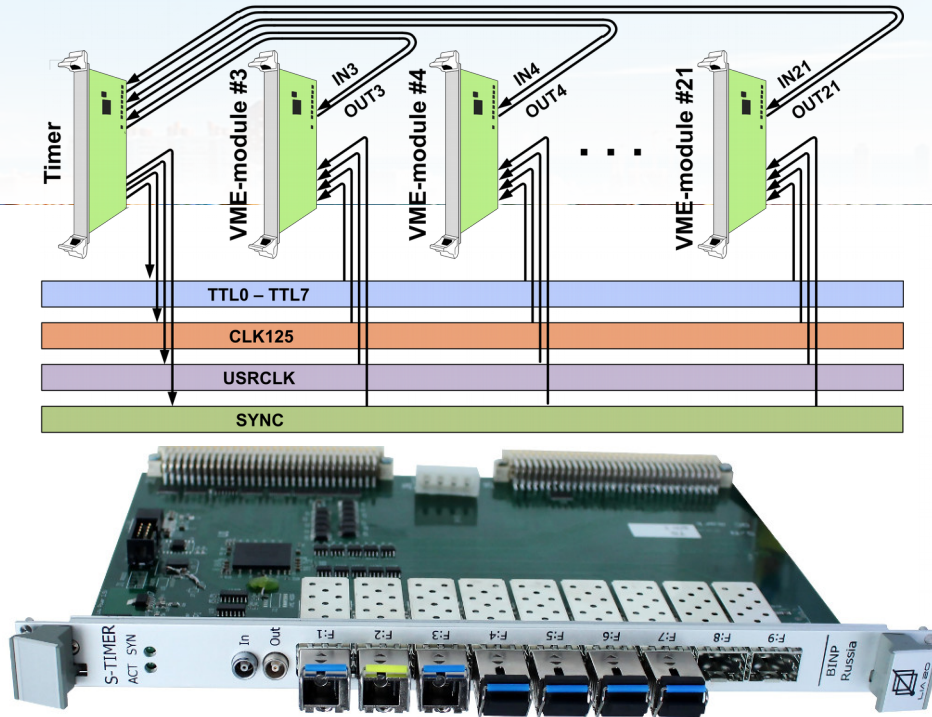


VME-BINP Crate

- 10U VME64x Compatible
- Standard upper backplane and specialized bottom
- Full-size 6U RIO Modules with 64 lines and power
- Synchronization lines
- Intermodule LVDS lines
- Daisy-chain
- ATX power supply
- Status monitor (CANBUS)



Synchronization



Conclusion

- A family of modules:
- Timing modules
- Delay Line
- Waveform Digitizers
- VME-CAN interface
- VSDC3 Integrator
- TANGO-Based software



- Meet me at THMPL10