



ARCH-BASE

Powered by Cnix

Archiving Performance	1 MHz events +
Storage Managements	~ 2TB / 10KHz events for 90 days
Time Resolution	nanosecond
Metadata	Timestamp, Value, Alarm, Severity
Archiving Algorithm	Event, Polling(1msec.)
Tag Editing	Add and delete tags to/from archiving system in Online
Admin. Interface	Web Interface <ul style="list-style-type: none">• Tag Registration, Editing, Deleting• Chart View for Tags• Download Data as a csv file.• Statistics for system and monitoring status• Support URLs and language API for other systems to be able to fetch data from ARCH-BASE.
Tag Configuration	<ul style="list-style-type: none">• Using PLC Memory Name• Editing Comment for each tag• Saving Tags and Comments• Saving Metadata for alarm configuration
Alarm Configuration	<ul style="list-style-type: none">• HIHI, HIGH,LOW,LOLO alarms for each tag• HIHI, HIGH,LOW,LOLO alarms of integrated alarm for each tag.• Support a timer for alarm integration.• Support the composite alarm and timer with various libraries.• Alarm Scan Algorithm<ul style="list-style-type: none">○ Every Time○ On Change○ When Zero○ When None-zero○ Transition To Zero○ Transition To None-zero
Data View	<ul style="list-style-type: none">• Alarm• Chart• Data Download (csv)• Data analysis using HMI Package• Online Data processing with provided functions.• Chart Zoom-In/Out• Support Annotation• X-Y axis Scrolling• HTTP, Supported HMI, Excel, User's customized Viewer over HTTP• OS: Linux Debian 11+

