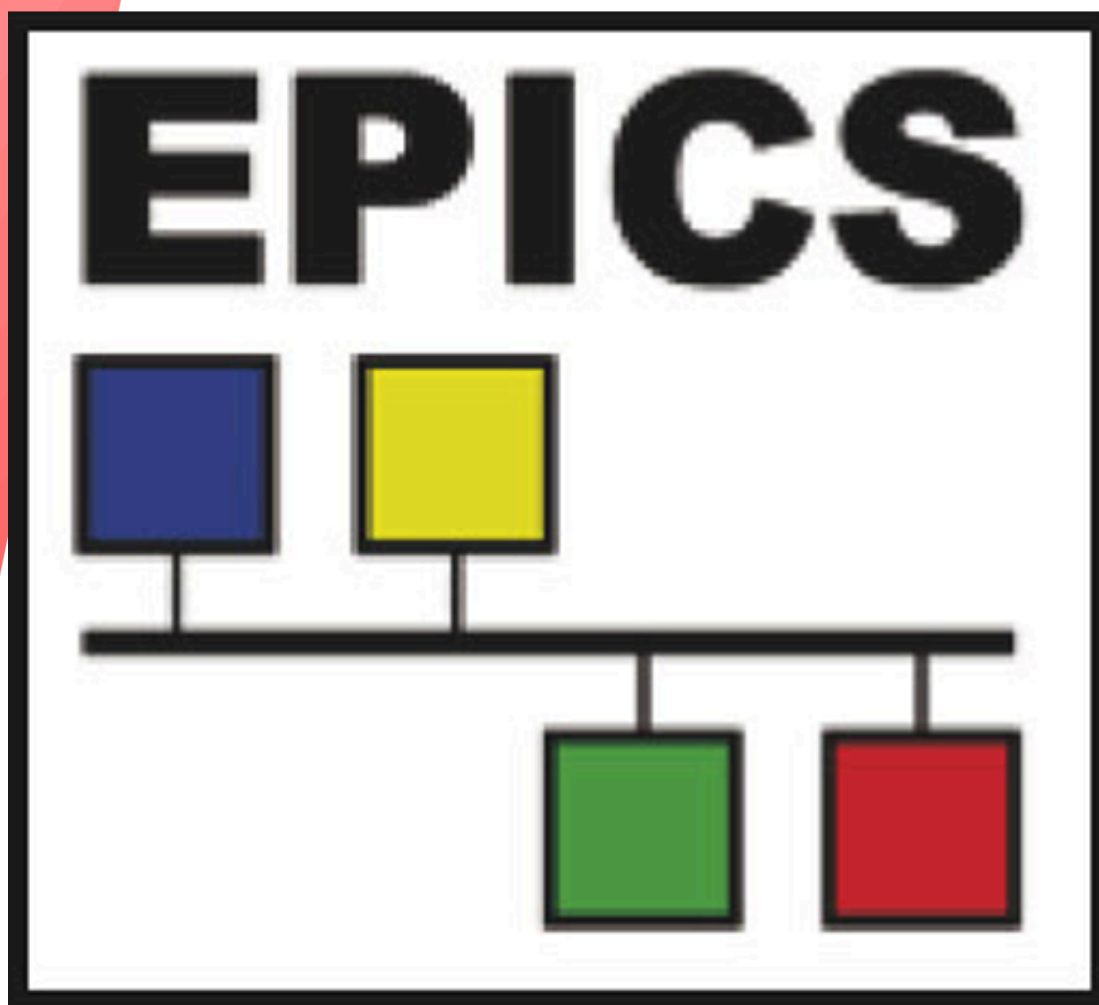


# EPICS IOC (SY4527 / SY5527)

## EPICS IOC for SY4527 and SY5527 Systems



## Features

- EPICS Services for SY4527, SY4527LC, SY5527, SY5527LC
- Handles Ethernet communication link
- EPICS service is contained in the **HiVoCS (Web based Control Software for SY4527 and SY5527 Systems)**.

## Description

**EPICS (Experimental Physics and Industrial Control System)** is a set of Open Source software tools, libraries and applications developed collaboratively and used worldwide to create distributed soft real-time control systems for scientific instruments such as a particle accelerators, telescopes and other large scientific experiments.

**SY4527, SY4527LC, SY5527** and **SY5527LC** CPU integrates an EPICS Service that provides access to a Process Variable using the Channel Access Protocol. Process Variable is a named piece of data associated with the system (e.g. status, readback, setpoint, parameter).

Client software (EPICS Channel Access Client), which requests access to a Process Variable, runs on the Host PC and is connected to the system via TCP/IP.

EPICS service is contained in the **HiVoCS (Web based Control Software for SY4527 and SY5527 Systems)** rel. 1.30 or above.

**Supported Products**                    **SY4527, SY4527LC, SY5527, SY5527LC**

**Supported Comm. Interface** Ethernet

For more information about EPICS visit the Argonne National Laboratory EPICS website:

**<http://www.aps.anl.gov/epics/>**

## Related Products

### **SY4527**



Universal Multichannel Power Supply System / 19"wide, 8U-high (16 slot)

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### **SY4527LC**



Universal Multichannel Power Supply System Low Cost / 19"wide, 8U-high (10 slot)

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### **SY5527LC**



Universal Multichannel Power Supply System Low Cost / 19"wide, 4U-high (4 slot)

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### **SY5527**



Universal Multichannel Power Supply System / 19"wide, 4U-high (6 slot)

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