

Overview

Beamline Endstation

Position
measurements
sent using
EPICS CA

Polychrom
atic X-rays

Monochrom
atic X-rays

Scattered
photons

Diffraction
pattern data
sent using
UDP

Preprocessing
computer at
APS

HPC
Center

Preprocess
ed data
sent using
TCP

HPC

Image
data

Mass
storage

X-ray source
control sent
using EPICS
CA

Microscope
control sent
using EPICS
CA

Detector
control
transmitted
sent using
EPICS CA

Local control
computer at APS

Adapted
acquisition
parameters sent
using TCP

GFE
during
all
phases
of
PRISMA

GFE
during
Phase 1 of
PRISMA

