ARCON-RAMSES-BRIDGE

Implementation sequence

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Moniteurs

LASER → Alarmes

→ Interlocks

MIL 1553

S2MTCR
SVMTCR

Ethernet

**Châssis
VME
ARCON**

Serveur HP

(HPUX 10.20)

RADMAIN GRAPH XRP2

Ethernet

**Interface
ARCON
RAMSES**

**Serveur
Supervision
RAMSES**
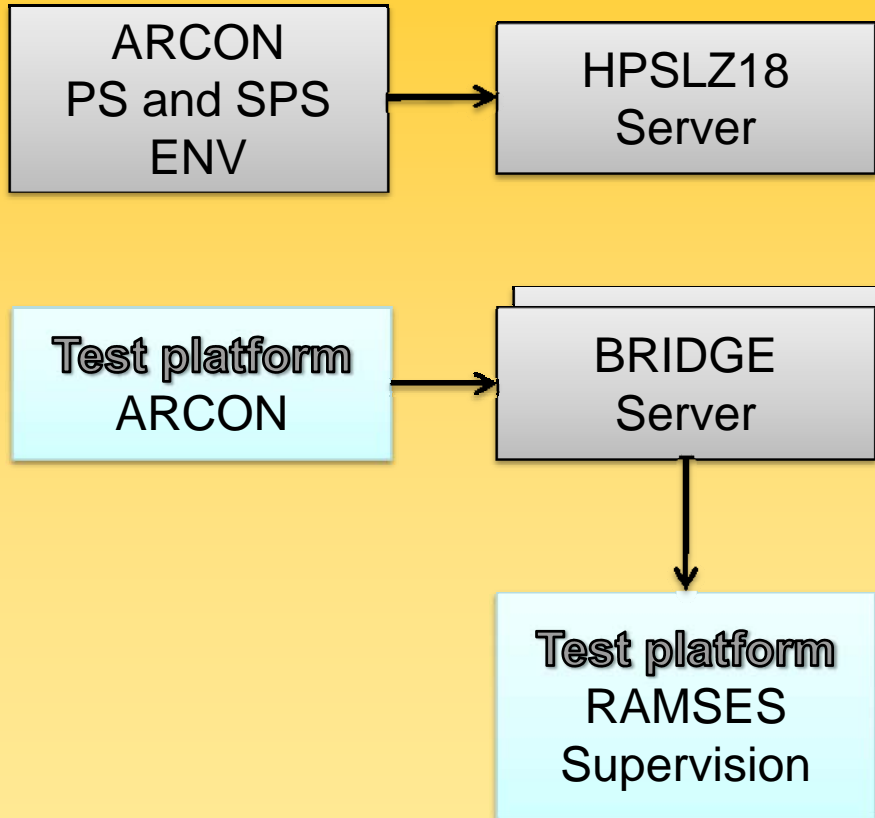
Phase 1

```
┌─────────────┐      ┌─────────────┐
│   ARCON     │      │  HPSLZ18    │        Current configuration
│ PS and SPS  │ ───► │   Server    │
│    ENV      │      │             │
└─────────────┘      └─────────────┘
                                             Implemented

┌─────────────┐      ┌─────────────┐
│Test platform│      │   BRIDGE    │
│   ARCON     │ ───► │   Server    │
└─────────────┘      └─────────────┘
                            │
                            ▼
                     ┌─────────────┐
                     │Test platform│
                     │   RAMSES    │
                     │ Supervision │
                     └─────────────┘
```

Phase 2

ARCON
PS and SPS
ENV

HPSLZ18
Server

Test platform
ARCON

BRIDGE
Server

Test platform
RAMSES
Supervision

Implemented

Phase 3

ARCON
PS and SPS

HPSLZ18
Server

ARCON
ENV
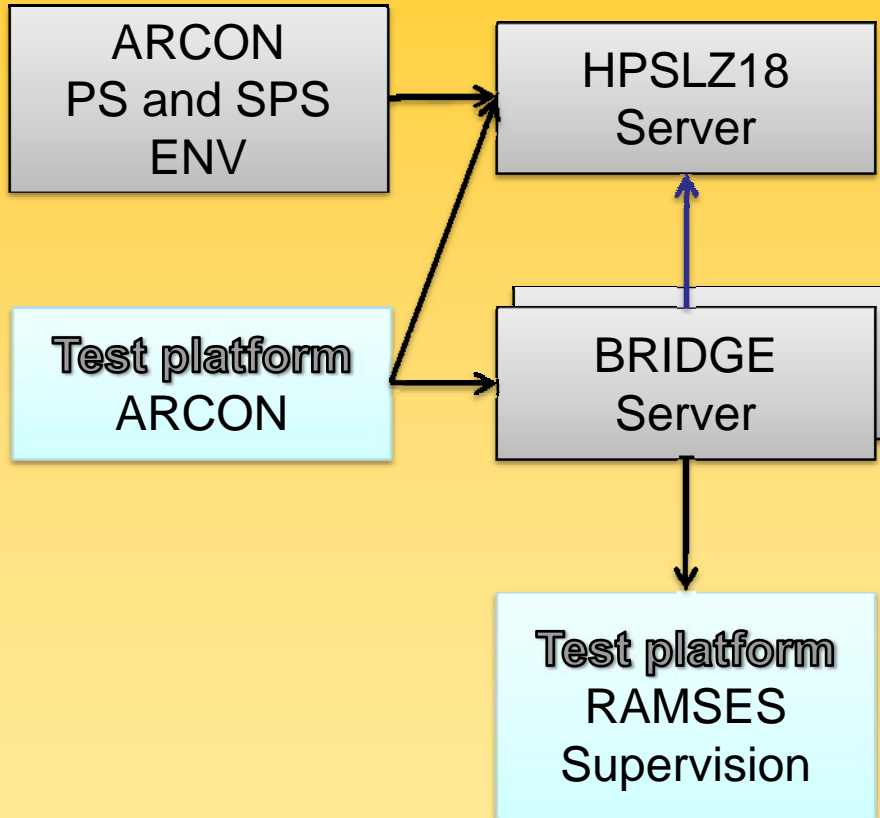
BRIDGE
Server

Test platform
RAMSES
Supervision
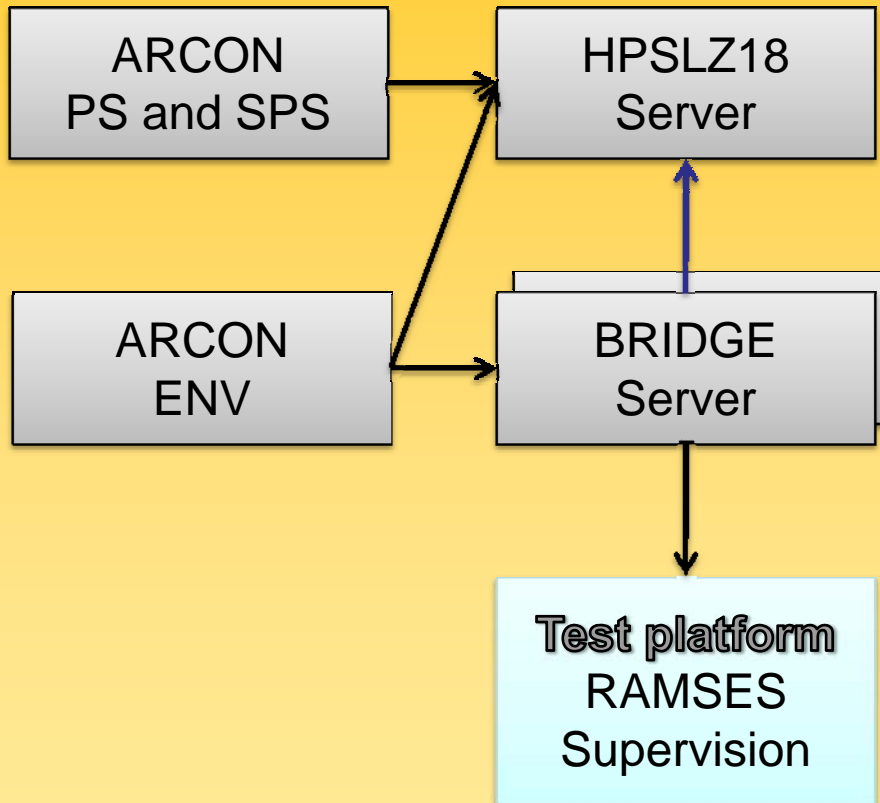
Swap ARCON TEST / ENV:
Week 21

Phase 4

ARCON
PS and SPS

HPSLZ18
Server

ARCON
ENV

BRIDGE
Server

Test platform
RAMSES
Supervision
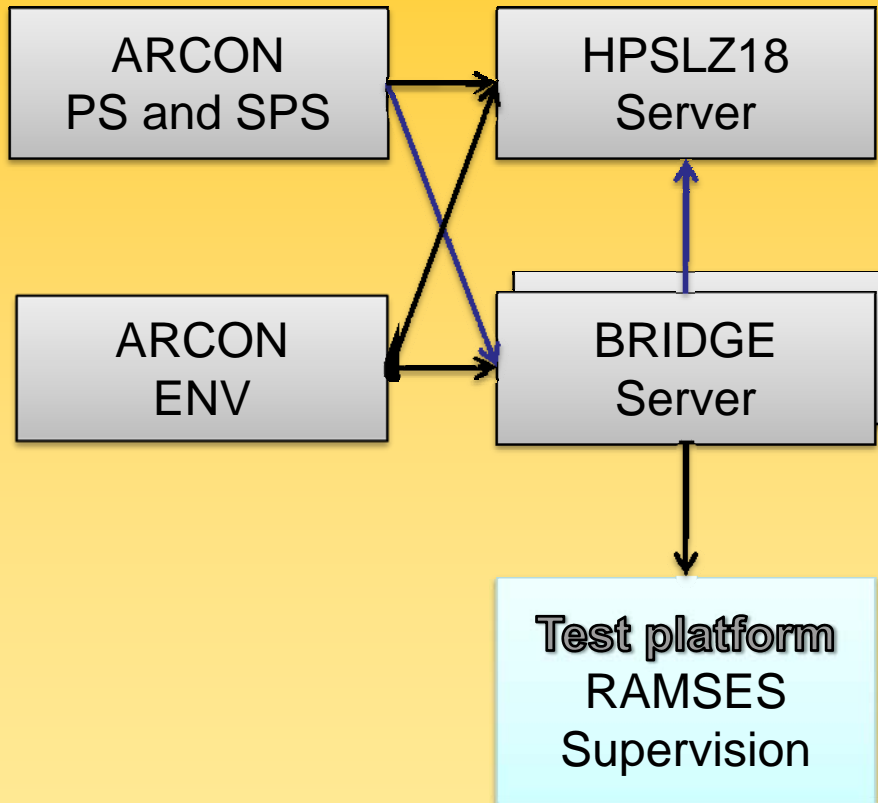
Connect ARCONs to BRIDGE
Week 23

Phase 5

```
ARCON              HPSLZ18
PS and SPS    →    Server
                     ↑
ARCON              BRIDGE
ENV          →     Server
                     ↓
RAMSES             RAMSES
monitoring    →    Supervision
stations
LHC, CNGS, CTF3
```
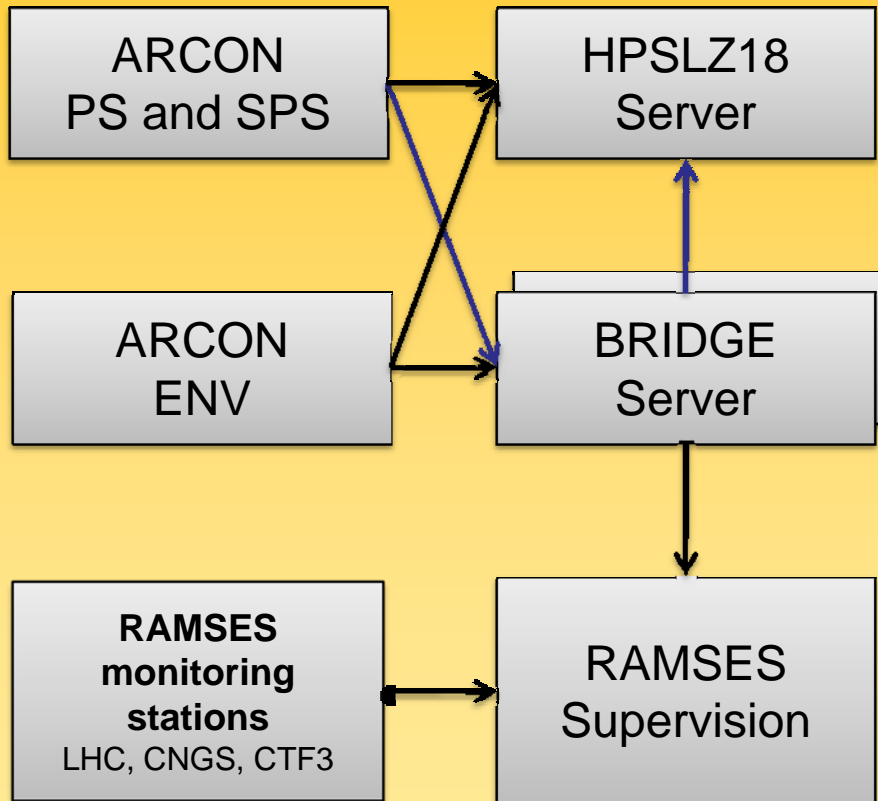
Swap Test platform to RAMSES:
Week 23+

Final

ARCON
PS and SPS

ARCON
ENV

BRIDGE
Server

RAMSES
monitoring
stations
LHC, CNGS, CTF3

RAMSES
Supervision

Fade out HP
Week ?