

# Signal Engineering

**Course Name**

Alstom Smartlock 400: SmartIO FLMF

**Course Description**

The course objective is to ensure Network Rail's staff are trained and assessed as competent to operate and maintain SmartIO in regions where projects will be delivered. The course covers fault finding using support system diagnostics, observation, and measurement and subsequent module replacement. This full course includes knowledge and practical assessment resulting in the award of a competence.

**Audience**

Personnel who are responsible for the maintenance, faulting, repairing or testing of the signal engineering equipment. Signaling maintainers, CCTs and Tech Support in regions where SmartIO projects are delivered.

**Duration:** 2 Days Day(s) **Class Size:** 6

**Competence Name Awarded**

Undertake corrective and preventative maintenance of Electronic Based Interlocking - SmartIO Trackside

**Competence Awarded**

Sig 19.13a

**Course Code**

Sig 19.13a

**Prerequisite Name**

Undertake corrective and preventative maintenance of Electronic Based Interlocking

**Prerequisite Short Code**

Sig 19

**Skills Assessment Scheme Regime**

6

**Course Type**

Face to Face - Personal Protective Equipment

**Download Date: 10/1/2025**