Healthcare associated infections (HCAI) cause significant patient morbidity and mortality and costs to the NHS. A 2017 survey estimated 1 in 18 patients in the acute sector in Wales had a HCAI. Infection Prevention Teams (IPT) in Wales used multiple systems to identify HCAI patients, record treatment and advice given, and to collect risk factor data. The systems were inefficient and data difficult to access and standardise for patient care and local and national surveillance.

**The Plan**
- Purchase commercial case management system for all NHS IPT in Wales
- Welsh Government start-up funding
- Unlimited licences
- Near real-time access to results for IPT
- Single patient infection prevention record
- IPT access to entire patient record, including information from other hospitals
- Admission and cluster alerts to facilitate early intervention and outbreak detection
- 4 bespoke surveillance modules

**The Progress**
- Demonstrated establishment of national infection prevention system possible: system in use in all 19 NHS IPT sites in Wales
- Use of system and consensus working through user forum is bringing standardisation to IPT practice across Wales

**Standardisation**
- Single system
- Single patient infection prevention record
- User forum to progress on Wales basis
- Standard organism list
- Minimum data sets for C. difficile & bacteraemia
- Standard alerts for high risk admissions and clusters
- Standard resistance definitions