

# The Learning Services Architecture 2017 Roadmap

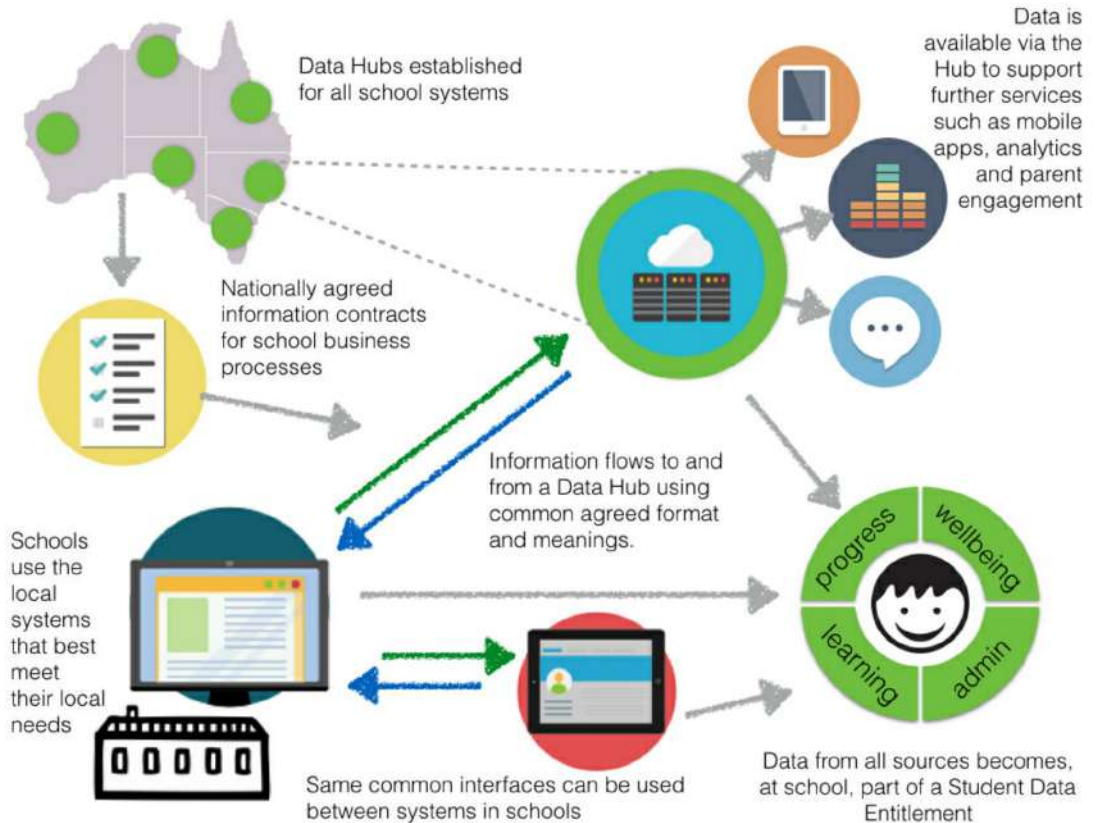
All models of learning improvement need a foundation of accurate, comparable and consistent data.

The LSA is a nationally aligned set of IT practices designed to ensure that critical information about students is available when and where required

Schools benefit strategically from the creation of portfolios of student information that accompany the learner throughout their education.

Schools benefit tactically from choice of solutions in the marketplace, knowing that critical student data can be shared accurately and securely between systems and organisations.

## Better Data for Better Outcomes



## information contracts

**E**

### Enrolment

Foundational data about a Student: Who they are, what class they are in, who teaches them what, significant relationships, identity information

**At**

### Attendance

Capturing the roll for classes and whole schools. Used in school, school system and national reporting. Key lead indicator for early diagnostics of issues that may be affecting student progress

**As**

### Assessment

Data about how a student is progressing. Multiple sources of formative and summative data that allow better understanding of student progress. Needs to carry curriculum context when appropriate, but be flexible enough to capture ad-hoc and experimental outcomes.

**N**

### NAPLAN

Registration of students for NAPLAN Online. Rich results data from NAPLAN online; complex adaptive test data, single nationally consistent dataset.

**W**

### Wellbeing

Events & outcomes in the social aspects of a student's learning, including; records of behaviour, pastoral care records, records of participation and extra-curricular activities and achievements.

**Tt**

### Timetable

The foundational dataset for understanding the processes of a running school: What is being taught, where, by which teachers and to which students, critical for resource planning and allocation

**F**

### Finance

Secure, consistent exchange & management of; Purchase Orders, Invoices, Payments and General Ledger transactions.

**Cp**

### Curriculum Planning

Teaching design, lesson planning and resource location for effective teaching.

Secure & Private: Under the LSA data is exchanged between schools, school authorities and service providers in accordance with respective privacy, security and duty of care obligations. NSIP neither collects or stores education data.

Contact us: [www.nsip.edu.au](http://www.nsip.edu.au)

National Schools Interoperability Program **NSIP**

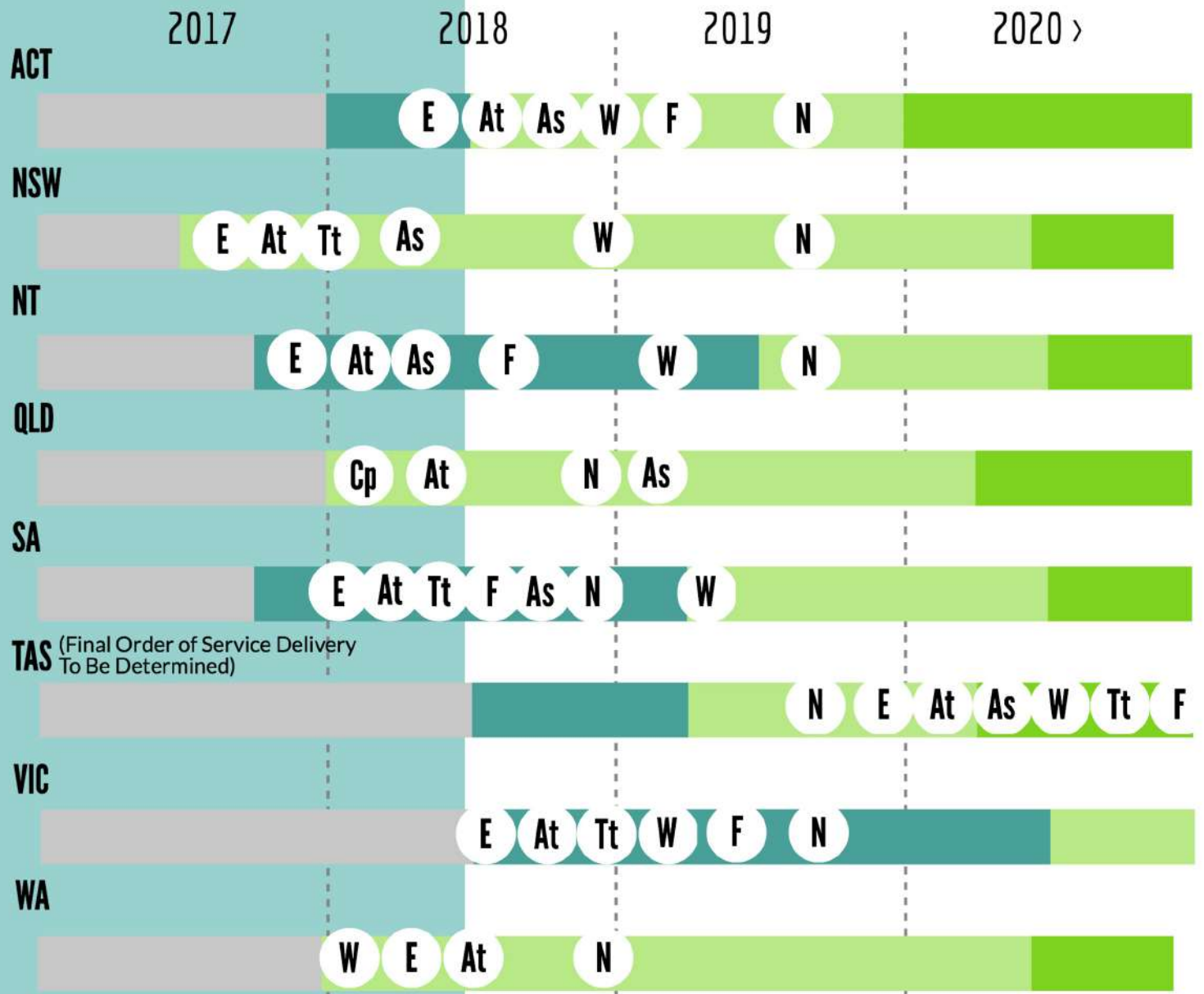


timescales

Indicative timescales for government schools as at June 2017. Roadmap will be updated and available from NSIP in 6-month review increments

The Learning Services Architecture is supported by all States and Territories and roll-out is underway.

Independent Schools benefit from the consistent interfaces demanded by the State & Territory implementations. Talk to NSIP to find out more about how the LSA benefits you as an independent school.



**Foundation**  
Needs assessments, business case, requirements gathering, procurement and architecture provisioning. All of the necessary pre-steps to implement LSA-aligned systems.

**Transition**  
Core legacy systems are migrated to standards compliant replacements. Key systems interactions & data feeds are aligned to standards. This prepares for migration to full Data Hub offering.

**Operation**  
Data Hubs provide and manage information contract based exchanges, unified interface for all 3rd-party integration. Some jurisdictions are able to move directly to Operation.

**Elaboration**  
With Data Hubs in place an ongoing process of implementing more information-contract exchanges in response to user and system needs.