

The Learning Services Architecture 2018 Roadmap

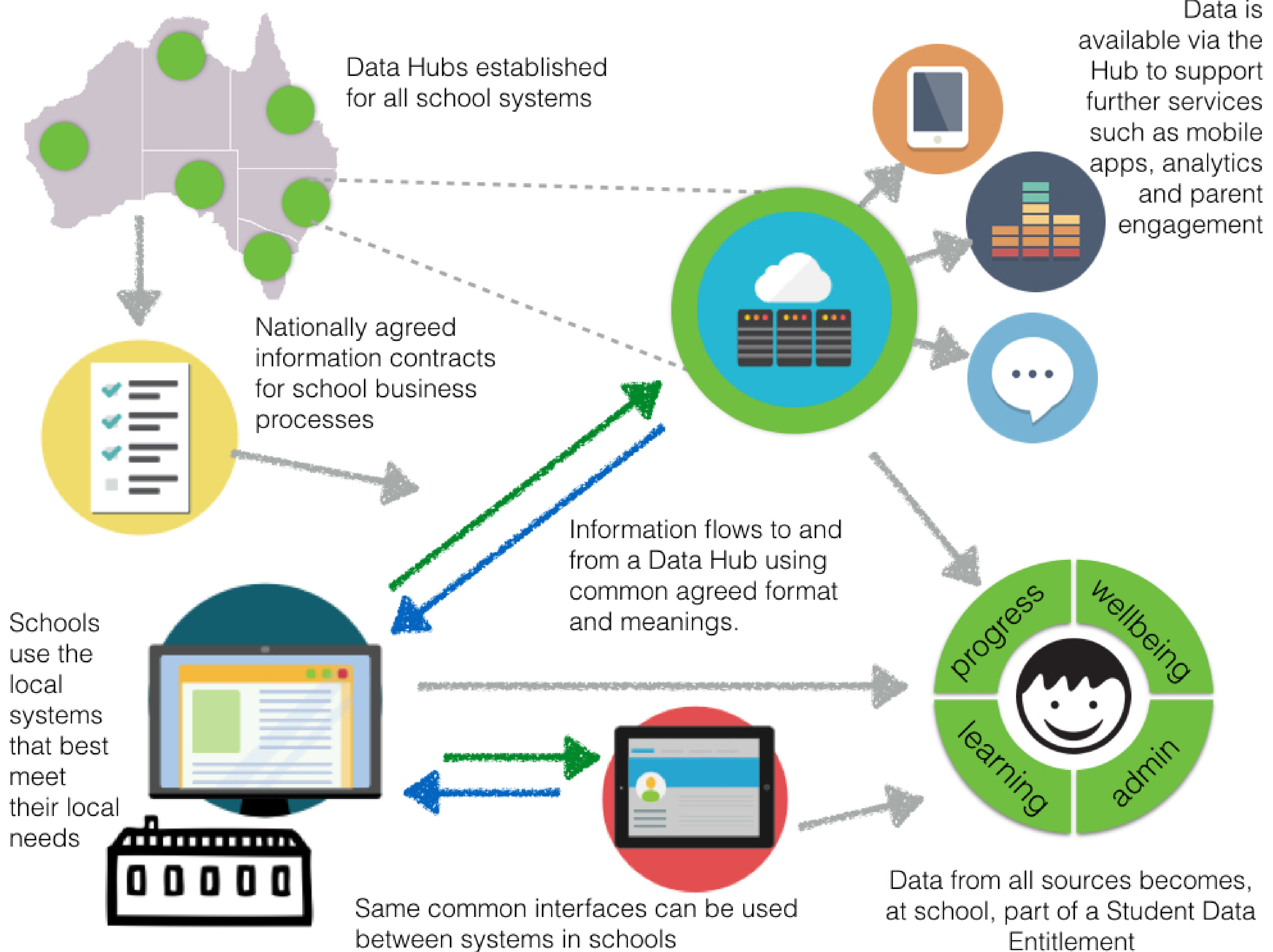
Better Data for Better Outcomes

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.



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

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.

At

Attendance

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

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

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.

F

Finance

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

N

NAPLAN

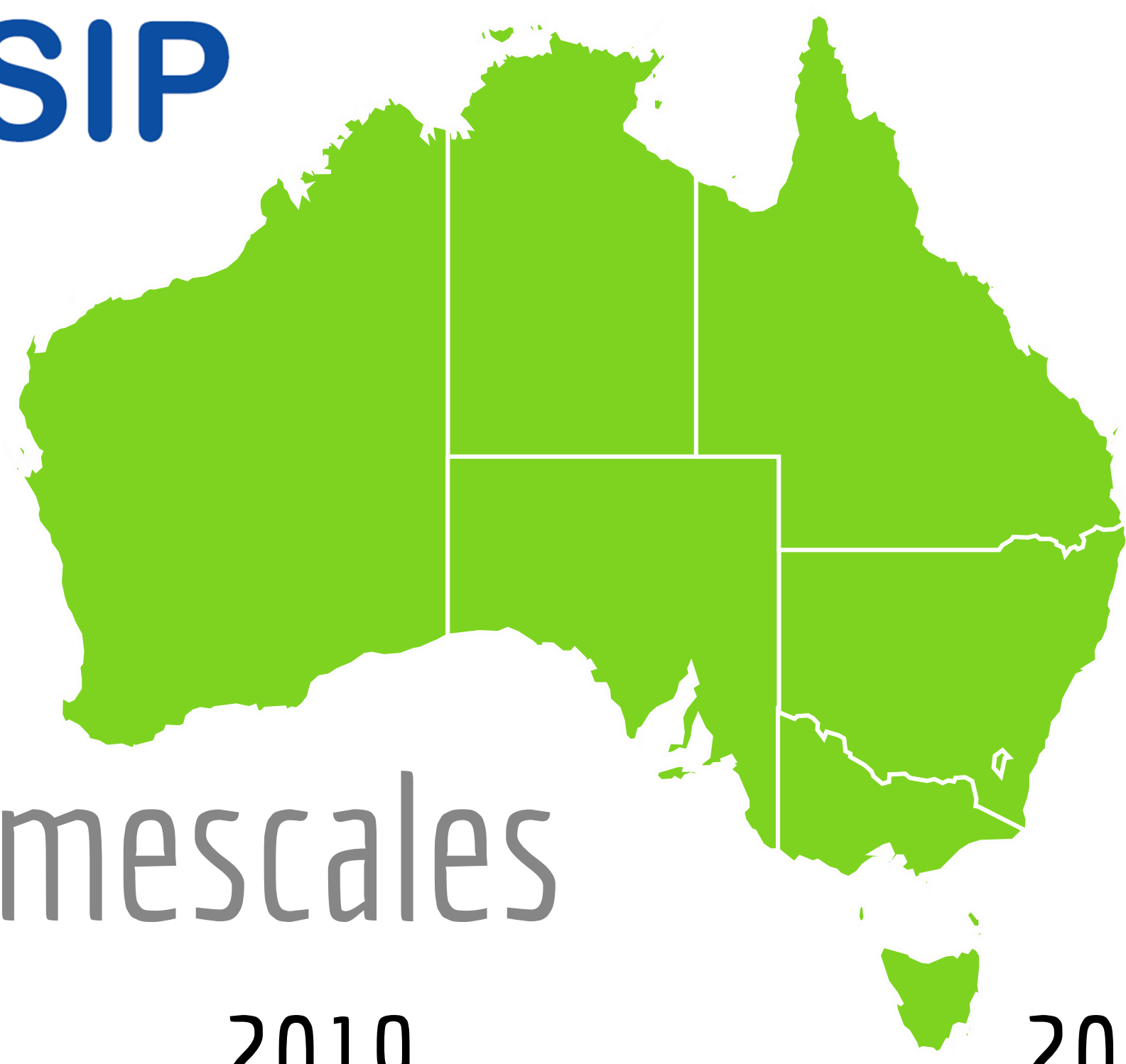
Registration of students for NAPLAN Online. Rich results data from NAPLAN online: complex adaptive test data, single nationally consistent dataset.

LR

Learning Resources

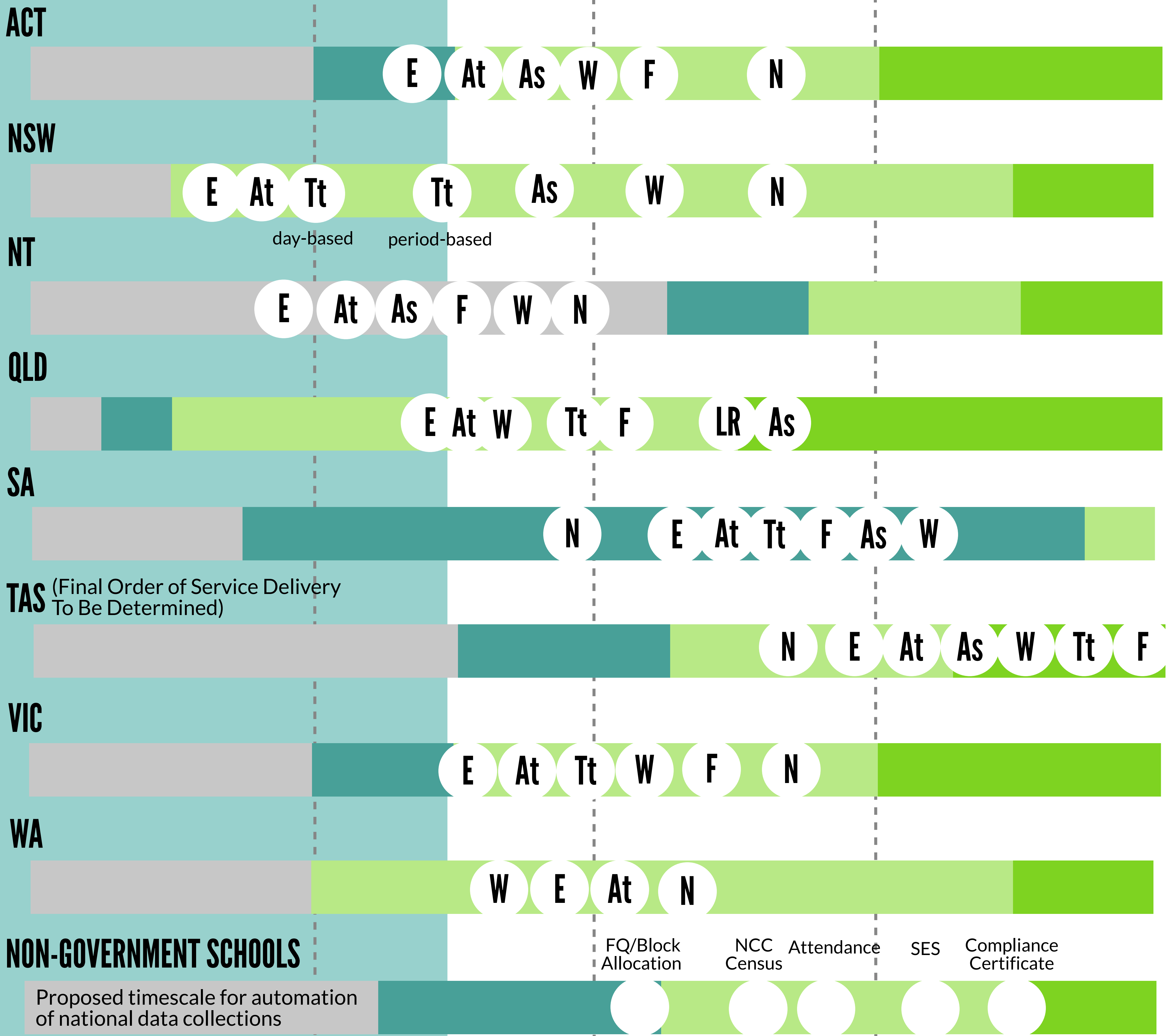
Data from and about third-party learning tools that students & teachers use.

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



timescales

2017 2018 2019 2020 >



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.