pernix
smarter with data™

Empower Your School with Smarter Data Reporting
Real-time insights. Better decisions. Less admin.

Challenges for Schools

Schools often struggle with data and reporting. Common challenges include:

- **Fragmented Systems:** Student information (attendance, academic results, wellbeing notes) is spread across multiple platforms, making it difficult to get a complete picture.

- **Manual Reporting:** Teachers and administrators spend hours manually compiling reports from different systems. This process is slow and prone to errors.

- **Limited Visibility:** With siloed data and infrequent reporting, it's hard for school leaders to spot trends or intervene early. Opportunities to support at-risk students can be missed without real-time insights.

- **Curriculum Tracking Gaps:** Curriculum planning and compliance checks are often done on paper or not at all. It's challenging to ensure all required topics are taught and standards are met without a digital tracking tool.

These issues drain staff time, reduce trust in data, and can lead to missed chances to improve student outcomes. Teachers want to focus on teaching, and school leaders need actionable information – not paperwork.

Pernix's Solution

Pernix addresses these challenges with an integrated data solution built on Microsoft Power BI and PowerApps, **tailored for schools**

Feature	Description
Unified Dashboards	Comprehensive suite of Power BI dashboards for multiple perspectives on school data.
Attendance Tracking	Near real-time attendance, daily headcounts, week-by-week trends, year-to-date summaries.
Student Notes	Summary and detailed views of student wellbeing and behaviour notes with filters.
Student Profiles	All-in-one profile showing attendance, assessment results, and personal learning goals.
Class & Teacher Analytics	Grade distributions and assessment breakdowns by subject, class, or teacher.
Curriculum Coverage	Interactive curriculum planning dashboards tracking units and standards taught.
Digital Data Wall	High-level overview of student performance bands across each year level.
Curriculum Planner Tool	PowerApps-based tool for digital curriculum planning and recording.
Seamless Integration	Connects to existing systems, pulling data automatically into dashboards.
Secure, Role-Based Access	Robust security with role-based access controls to ensure authorized data viewing.

More details of the key features include:

- **Unified Dashboards:** A comprehensive suite of Power BI dashboards gives you multiple perspectives on your school's data **in one place**. School leaders and teachers can easily view attendance, academic performance, and other key metrics through intuitive, real-time visuals. For example, key dashboard views include:

  • **Attendance Tracking:** Near real-time attendance, daily headcounts, week-by-week attendance trends, and year-to-date summaries. Filters allow drilling down by class, year level, or home group to identify patterns.

  • **Student Notes:** Summary and detailed views of student wellbeing and behaviour notes (from systems like EMS), with filters by category or student. Private notes remain confidential to authorised staff, ensuring sensitive information is protected.

  • **Student Profiles:** An all-in-one profile for each student, showing their attendance record, assessment results (e.g. A–E grades, NAPLAN, PAT scores), and even personal learning goals with progress updates. This helps teachers and mentors get a holistic view of an individual student's journey.

  • **Class & Teacher Analytics:** Grade distributions and assessment breakdowns by subject, class, or teacher. This highlights trends in student performance across different classes and enables educators to identify where additional support or resources might be needed.

  • **Curriculum Coverage:** Interactive curriculum planning dashboards that track which units and standards have been taught. Teachers and heads of curriculum can ensure all required content is covered and see if any outcomes need more attention.

  • **Digital Data Wall:** A high-level overview of student performance bands (e.g. literacy and numeracy levels) across each year level. School leaders can quickly spot cohorts or individuals who have improved or need support, and click through to detailed student profiles for more information.

- **Curriculum Planner Tool:** Alongside the dashboards, Pernix provides a PowerApps-based **Curriculum Planner**. This tool allows teachers and coordinators to digitally plan and record curriculum delivery. It replaces paper planners with a live system where you can schedule units, set assessment tasks, and monitor coverage of each syllabus outcome. This ensures curriculum compliance is tracked in real time, and it feeds directly into the curriculum coverage dashboard. Educators benefit from easier planning and confidence that they're meeting all requirements.

- **Seamless Integration:** Our solution **connects to your existing systems** (Civica, EDSAS/EMS, DayMap, Seqta, Excel, etc.), pulling data into the dashboards automatically. You don't need to change how you input data – Pernix's connectors will gather information from the sources you already use. This means setup is straightforward and data is always up to date without manual importing. The integration is flexible and minimally disruptive: if your data is in a spreadsheet or a database, we can likely integrate it.

Secure, Role-Based Access: We understand the importance of student privacy. The platform includes robust security, with **role-based access controls** to ensure that each user (teacher, principal, admin staff, etc.) sees only the information they are authorised to see. For instance, a teacher may view data for their classes, while the principal can see school-wide metrics. All data is stored and handled in compliance with department security standards, so you can trust that sensitive information is protected.

Built with educators in mind, the Pernix solution is **user-friendly and easy to adopt**. We provide training and support, and because the dashboards use data from familiar systems, staff quickly become comfortable with the new tools. The technology works in the background, letting your team focus on using insights, not managing software.

Benefits for Your School

Benefit	Description
Single Source of Truth	Everyone from teachers to executives can rely on the same up-to-date data in one place, eliminating confusion and ensuring discussions and decisions start from a common understanding of the facts.
Real-Time Insights & Early Alerts	Live dashboards allow principals and teachers to spot trends or issues as soon as they emerge and act immediately, improving student outcomes with timely information needed to intervene.
Reduced Admin Work	Automating data aggregation and report generation saves staff time, reallocating time spent on tedious reporting to more valuable activities like student support or data analysis, and reducing errors and inconsistencies.
Improved Planning & Compliance	Curriculum planning tool and dashboards ensure nothing falls through the cracks in the teaching program, making compliance reporting easier backed by evidence from the system.

Schools using the Pernix solution often say they quickly gain more insight into their operations than ever before – and with far less effort. It drives a culture where data is trusted and actively used to inform teaching and management decisions.

Proven Results in South Australian Schools

Pernix's approach isn't just theoretical; it has been **proven in local schools**. In a recent partnership with the South Australian Department for Education, Pernix implemented a unified reporting platform across multiple public schools. This project replaced fragmented reports with a single, department-wide Power BI dashboard system and a standardised curriculum planning tool.

As a result, schools and department leaders gained **real-time visibility** into attendance, academic performance, and wellbeing data across the board. They could see, at a glance, which schools or classes needed attention and could share successful strategies between sites. School principals reported that they were able to identify trends (like an increase in absences or a dip in literacy scores) much earlier and allocate support resources more effectively. The platform also **streamlined compliance and reporting**, as the data required for annual reports and audits was readily available and trustworthy. Ultimately, the Department credits this initiative with helping schools make more informed decisions and improve student outcomes through timely interventions.

*(For more details, see our case study **"Empowering South Australian Schools with Smarter Reporting."**)*

Why Choose Pernix?

Pernix offers a unique combination of experience, expertise, and local support that ensures your project's success.

Why Choose Pernix?	Details
Proven Experience	Strong track record in the education sector, trusted data partner for SA Department for Education for over 8 years, leading integration of EMS for over 900 schools, understand school data challenges
Tailored & Easy Solutions	Flexible and customisable solutions, minimal disruption, plug into current systems, match staff workflows, familiar Microsoft technology, gentle learning curve, intuitive dashboards, hands-on training
Secure & Supported	Enterprise-grade encryption, strict data governance practices, Adelaide-based team, ongoing support, committed to long-term success, fine-tuning reports, scaling solutions, updating systems

Choosing Pernix means choosing peace of mind. You get a reliable solution that's already working in schools, tailored to your needs, and backed by a team that cares about your outcomes.

Ready to Transform Your School's Reporting?

For a free demo or consultation to see how this could work for your school, **get in touch with Pernix**:

- **Email:** areynolds@pernix.com.au – Aaron Reynolds, Director at Pernix

- **Phone:** 1300 737 649 (1300 PERNIX)

- **Website:** Visit https://www.pernix.com.au and send us a message through our contact form

Don't let outdated reporting hold your school back – join the growing number of South Australian schools using Pernix to save time and gain actionable insights.

Let's unlock the full potential of your school's data – together.