CEnet
ANNUAL
REPORT 2015
BENEFITTING FROM SHARING

FROM THE CHAIR

On behalf of the CEnet Board, I am pleased to introduce this annual report for 2015. CEnet continues its successful operations as a federated shared service organisation supporting the needs of over 700 schools in four states and territories.

Schooling is both local and global, physical and virtual. Today's schools require the infrastructure, connectivity, data capability and enterprise support to ensure learning and teaching can be delivered anytime, anywhere and just in time. CEnet through our Diocesan members is leading the way in responding to the challenges and opportunities of contemporary schooling.

2015 was a very successful year growing our membership and developing our services in data warehousing, business intelligence capability, student information and shared network services.

The Board has put its mind to reviewing the governance structures of CEnet to ensure we can best support our growth and direction in the future.

At the time of this report, CEnet is providing services to schools from Thursday Island in Northern Australia to the southern tip of Tasmania. The admission of the Archdiocese of Hobart, who support Tasmanian Catholic Schools, as a member of CEnet followed an independent review by the Archdiocese of Hobart's Education Office regarding its future needs. This review confirmed the value of undertaking certain activities collaboratively, which is the cornerstone of CEnet's enterprise.

A key milestone was the approval of a pan-diocesan Student Information System following an extensive due diligence process first discussed after the findings of a report into shared services by IBRS in 2011. Commenced in 2013, the solution recommended and approved results from a deep review of business processes and practices across all members and brings together a solution that will add significant value to schools, teachers and students. This sharing of an agile, anywhere, any time application will ensure we can collectively foster continuous improvement in our core student information systems previously not available to CEnet members. Through this application we will be able to monitor and support student learning and growth as students move from primary to secondary, change schools or cross-diocesan boundaries within CEnet's membership.

Coupled with the CeSIS is a shared data warehouse and business intelligence capability. The Board approved this service, known as CeD[3], to move from pilot to production in August 2015. CeD[3] is well served by a highly skilled Data Trustees Committee comprising representatives from all members who will guide the future of the service and its deployment. The CeD[3] service will support teachers, leaders and educational experts well into the future as we focus on personalising learning and achievement for all young people in our care.

The significant move to provide shared application services is supported by a robust shared core network that underpins a quickly maturing 'bring your own device' environment where significant numbers of students have access to information anywhere anytime. This network continues to observe significant growth in appetite for internet resources by students and teachers which is undoubtedly supporting collaborative and blended learning approaches.

Member feedback confirms the value of this shared network. For example, the delivery of languages to remote schools and allowing students to meet and speak with famous authors through video conference solutions across multiple schools at one time is testament to our collaborative efforts to build robust and scalable shared services.

The Board, Audit and Steering Committees have overseen further maturity in frameworks and processes supporting our shared services capabilities. CEnet now has a very mature corporate framework that provides robust policies and processes that you would expect from an enterprise-focused organisation. Risk management, security, financial management, procurement, governance and project management policies and procedures are now embedded within the company with strong oversight by the Board and subcommittees.

Acknowledging the need for strong governance, the Board undertook professional learning provided by the Australian Institute of Company Directors focusing on our unique structure as a federated, for purpose company during 2015. The CEnet Steering Committee were also involved in the development opportunity to ensure we continue the shared services agenda as a compliant and best practice endeavour.

Finally I would like to also acknowledge all those who provide support to the teachers, students and staff we serve. These groups range from our Board and CEnet staff to the countless diocesan representatives who serve on our committees and working groups with the aim of fostering and enhancing the concept of sharing for the greater good of Catholic Education.

Greg Whitby
CHAIR CEnet
Executive Director of Schools
Diocese of Parramatta

2015 has been the first full year of CEnet's new Strategic Plan focusing on the three themes of:

- Collegial commitment and leadership
- Shared effectiveness, efficiency and demonstrated value
- Excellence in innovation and service delivery

A robust framework to deliver on strategic initiatives has been embedded within CEnet and is now at the core of what we do. This framework links and connects our projects and employees with the three core strategic themes.

The ONCE Strategy consisting of a Student Information System, Financial Management System and Data and Business Intelligence Capability provide strong underpinnings for our strategic themes. After three years of extensive research, consultation and collaboration, the CEnet Steering Committee, Board and Members all approved the deployment of an enterprise Student Information System and Financial Management System known as CeSIS. Compass Education coupled with Technology One were chosen to deploy a cloud enterprise system that will significantly enhance learning, teaching and administration. The Student Information System will be supported by a unique and persistent student identifier that will allow student learning and achievement to follow students when they move schools or dioceses within the CEnet membership. Additionally, parents will be provided with enhanced insight into their child's learning and achievement via a parent portal.

CEnet continued to provide Members valuable support in improving internet access, which will be critical as more services are deployed in the cloud such as CeSIS. CEnet provided a conduit for Members to aggregate their purchasing power to procure increased bandwidth into their schools. This was facilitated through a request for quotation that created a panel of telecommunication providers enabling Members to select the the most appropriate connections for their schools at the most competitive price.

Coupled with this support for enhanced internet access, CEnet has focussed on improving security and quality of service. During the year, CEnet sustained some significant Distributed Denial of Service (DDoS) attacks that impacted teaching and learning on several occasions. As a result, enhancements have been undertaken to improve the resilience within the CEnet core network along with independent security reviews. This work will result in enhanced stability and mitigation of the threat created by DDoS attacks.

Also supporting access to the Internet is CEnet's web filtering service. This service was reviewed by Members during the year with CEnet collating Member requirements. On Members' behalf a request for quotation was issued by CEnet to a panel selected by key diocesan personnel. Through this process Members unanimously selected the solution to be deployed into schools that will provide a safe and secure internet environment for students and teachers. In addition, CEnet also developed a lightweight backup web filtering solution to enhance resilience for all Members.

Supporting our Members as a trusted partner is a key factor in delivering on our mission. To enhance this goal, CEnet undertook a staff culture review and stocktake of key leadership qualities. The survey revealed a strong alignment to constructive practices such as achievement, encouragement, human dignity and relationships and low focus on such practices as power, avoidance and opposition. This culture provides significant support to the collaborative and service focus we require to deliver superior service and value to our Members.

As always, I would like to thank the Board for their support throughout 2015 and acknowledge the ongoing contribution and support of the Members of the CEnet Steering Committee, Standing Committees and working groups. I would also like to personally thank CEnet's employees for the passion and energy they bring to their work.

We look forward to another successful year in 2016 and the continued implementation of new and enhanced services for schools to support learning, teaching and organisational development.

Greg Parrish
CHIEF EXECUTIVE OFFICER

FROM THE CEO

COLLEGIAL COMMITMENT AND LEADERSHIP

ENHANCING SHARED VISION - JOINT GOVERNANCE MEETING

CEnet exists as a result of the shared vision held by its Member Dioceses. This vision, based on enhancing learning and teaching in Catholic schools through Members' participation in a shared services organization and undertaking activities collaboratively permeates all aspects of CEnet's activities.

CEnet's activities are informed by a comprehensive governance structure designed to ensure that the needs of education, administration and technical activities are reflected in the work conducted to support Members.

In previous years, CEnet has conducted events to enhance shared vision and in 2015, planning commenced to bring together members of the key governance groups together for a day of sharing and development of common understandings of benefits, needs and opportunities.

As a result, in acknowledgement of the value of enhancing understanding and shared vision, in February of this year CEnet brought together staff members from Member Dioceses for a historic, first joint meeting of the following pan-diocese committees;

- The CEnet Education Services Standing Committee
- The Cenet eLearning Working Group
- The CEnet Corporate Services Standing Committee
- The CEnet Corporate Services Working Group
- The CEnet IT Stakeholders Group (COG)

The day, facilitated by the members of the CEnet Steering Committee, who chair the Education and Corporate Services Standing Committees, provided an opportunity to share the history of CEnet, to enhance understanding of the shared services vision and to reflect on new and emerging needs and requirements necessary to assist in enhancing learning and teaching in the future and judging by the feedback received, may become a regular event.

SHARING EXPERTISE TO BENEFIT ALL

As members of a multi-state and territory federation, staff in CEnet Member Dioceses have many opportunities to share and collaborate. During 2015 a range of committees and project teams worked to support activities identified by Members as important to Catholic education.

CEnet COMMITTEES 2015

The CEnet Steering Committee
The CEnet Steering Committee is appointed by the Board. The Committee meets at least once per term and is responsible, on behalf of the Board, for the oversight of the activities of CEnet.

The members of the CEnet Steering Committee are:
* Br Tony Whelan (Chair)
* Doug Ashleigh (Sydney Catholic Schools)
* Cathy Day (Director of Schools, Townsville and Board representative)
* Liam Garvey (Executive Officer, ICT, Queensland Catholic Education Commission)
* Gary Brown (Catholic Education Diocese of Parramatta)
* Alan Ibbett (Catholic Education Office, Wollongong)
* Ross Jacobs (Catholic Schools Office, Broken Bay) (Acting Member)

The CEnet Corporate Services Standing Committee
The CEnet Corporate Services Standing Committee reports to the CEnet Steering Committee. The Committee meets four times per year and informs the activities of CEnet by advising on emerging trends and by encouraging collaboration between corporate services personnel across the CEnet membership.

The members of the CEnet Corporate Services Standing Committee are:
* Alan Ibbett - Chair and CEnet Steering Committee delegate (Catholic Education Office, Wollongong)
* John Sheridan (Catholic Schools Office Armidale)
* Ross Jacobs - Acting Chair (Catholic Schools Office, Broken Bay)
* Stacey Ozanne (Catholic Schools Office Canberra-Goulburn)
* Steven Shaw (Catholic Schools Office Maitland-Newcastle)

* Joanne Segond von Banchet (Catholic Schools Office Toowoomba)

The CEnet Education Services Standing Committee
The CEnet Education Services Standing Committee reports to the CEnet Steering Committee. The Committee meets four times per year and informs the activities of CEnet by advising on emerging trends and by encouraging collaboration between education personnel across the CEnet membership.

The members of the CEnet Education Services Standing Committee are:
* Garry Brown - Chair and CEnet Steering Committee delegate (Catholic Education Diocese of Parramatta)
* Ron Hamilton (Catholic Schools Office Rockhampton)
* Greg Swanson (Sydney Catholic Schools)
* Robie Jayawardhana (Catholic Schools Office Townsville)
* David Emery (Catholic Education Office Wollongong)

CEnet WORKING GROUPS 2015

The CEnet Corporate Services Working Group
The CEnet Corporate Services Working Group provides an opportunity for delegates representing CEnet Member Dioceses to support the activities of CEnet by informing the actions of the Corporate Services Standing Committee. The Working Group also provides a great opportunity for sharing and collaboration between CEnet Member Dioceses.

The members of the CEnet Corporate Services Working Group are:
* Allan Ibbett - Chair and CEnet Corporate Services Standing Committee delegate (Catholic Education Office Wollongong)
* Sue Ainsworth (Catholic Schools Office Armidale)
* Jo Chirgwin (Catholic Schools Office Bathurst)
* Michael Puckeridge (Catholic Schools Office Broken Bay)
* Chris Toohey (Catholic Schools Office Lismore)
* Joanne Abrams (Catholic Schools Office Maitland-Newcastle)
* Lynne Docherty (Catholic Education Diocese of Parramatta)
* John McDevitt (Catholic Schools Office Rockhampton)
* Milton Scott (Sydney Catholic Schools)
* Jacqui Francis (Catholic Schools Office Townsville)
* Michael Vineburg (Catholic Schools Office Wagga-Wagga)
* Mal Goodwin (Catholic Schools Office Wilcannia-Forbes)
* Carolyn Brady (Catholic Education Office Wollongong)

The CEnet eLearning Working Group

The CEnet eLearning Working Group provides an opportunity for delegates representing CEnet Member Dioceses to support the activities of CEnet by informing the actions of the Education Services Standing Committee. The Working Group also provides a great opportunity for sharing and collaboration between CEnet Member Dioceses.

The members of the CEnet eLearning Working Group are:
- Ron Hamilton - Chair and CEnet Education Services Standing Committee delegate (Catholic Schools Office Rockhampton)
- Anne Sullivan (Catholic Schools Office Armidale)
- Vickie Vance (Catholic Schools Office Bathurst)
- John Hession (Catholic Schools Office Broken Bay)
- Christine Masters (Catholic Schools Office Cairns)
- Stephen Carter (Catholic Schools Office Canberra-Goulburn)
- Andrew Burgess (Catholic Schools Office Lismore)
- Andrew Cornwell (Catholic Schools Office Maitland-Newcastle)
- Lisa Nash (Catholic Education Diocese of Parramatta)
- Greg Basford (Sydney Catholic Schools)
- Mark Gregson (Catholic Schools Office Toowoomba)
- Glenda Scrase (Catholic Schools Office Townsville)
- Karen Gardiner (Catholic Schools Office Wagga-Wagga)
- Simone Harding (Catholic Schools Office Wilcannia-Forbes)
- Mark Woolley (Catholic Education Office Wollongong)

The CEnet IT Stakeholders Group (COG)

The CEnet IT Stakeholders group, or COG, provides a valuable opportunity for key IT personnel from CEnet Member Dioceses to develop an understanding of the needs of the CEnet community and the steps being taken by CEnet to support Members.

- Justin Urquhart (Catholic Schools Office Armidale)
- Philip Egan (Catholic Schools Office Bathurst)
- Ross Jacobs (Catholic Schools Office Broken Bay)
- Michael Norman (Catholic Schools Office Cairns)
- David Day (Catholic Schools Office Canberra-Goulburn)
- Ron Fletcher (Catholic Schools Office Lismore)
- David Jenkins (Catholic Schools Office Maitland-Newcastle)
- Paul Meldrum (Catholic Education Diocese of Parramatta)
- Jason Ramm (Catholic Schools Office Rockhampton)
- Milton Scott (Sydney Catholic Schools)
- Chris Smythe (Catholic Schools Office Toowoomba)
- Robie Jayawardhana (Catholic Schools Office Townsville)
- Michael Vineburg (Catholic Schools Office Wagga-Wagga)
- Matthew Smith (Catholic Schools Office Wilcannia-Forbes)
- Allan Ibbett (Catholic Education Office Wollongong)
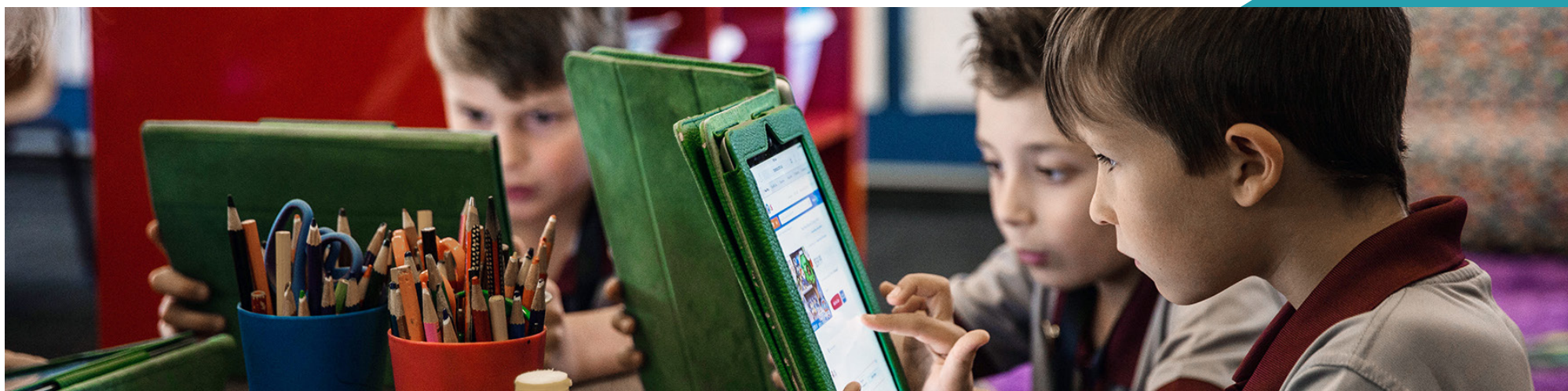
PROJECT GOVERNANCE 2015

As key projects such as the CeD^3 data warehouse and the CeSIS evolve, the needs of committees to support and inform these projects evolve too.

CeD^3

In 2015, as CeD^3 evolved into a production service, the work of the CeD^3 Project Panel, as a group involved in the establishment of the service tapered off and the work of the CeD^3 Data Trustee Committee became a focus. The Data Trustee Committee brings together representatives from Member Dioceses to assist CEnet by identifying and prioritising the current and emerging opportunities provided by access to an enterprise data warehouse.

The CeD^3 Project Panel
*   Doug Ashleigh - Chair (Sydney Catholic Schools)
*   John Kitney CEC NSW
*   Mark Holyoake (Catholic Education Diocese of Parramatta)
*   Robie Jayawardhana (Catholic Schools Office Townsville)
*   Alan Ibbett (Catholic Education Office Wollongong)

The CeD^3 Data Trustee Committee
*   Doug Ashleigh - Chair (Sydney Catholic Schools)
*   Gary Burdett (Catholic Schools Office Armidale)
*   Tony McLeod (Catholic Schools Office Broken Bay)
*   Stephen Ryan (Catholic Schools Office Bathurst)
*   Phil Petit (Catholic Schools Office Canberra-Goulburn)
*   Andrew Burgess (Catholic Schools Office Lismore)
*   David Jenkins (Catholic Schools Office Maitland-Newcastle)
*   Stefan Boffa (Catholic Education Diocese of Parramatta)
*   Jason Ramm (Catholic Schools Office Rockhampton)
*   Kevin Trimble (Sydney Catholic Schools)
*   Joanne Segond von Banchet (Catholic Schools Office Toowoomba)
*   Paul Ould (Catholic Schools Office Townsville)
*   Anne Ryan (Catholic Schools Office Wagga-Wagga)
*   Matthew Smith (Catholic Schools Office Wilcannia-Forbes)
*   Anne Maree Creenaune (Catholic Education Office Wollongong)

CeSIS

As the CeSIS project continues to evolve, the CeSIS Change Management and Process Architecture Committee has become increasingly important. In 2015, the Committee continued to develop processes to support the activities of Member Dioceses and informed the selection of change management

resources made available to Members as they plan for their CeSIS implementations.

The CeSIS Change Management and Process Architecture Committee
*   Jacqui Francis (Catholic Schools Office Townsville)
*   Paul Thornton (Catholic Schools Office Lismore)
*   Mark Holyoake (Catholic Education Diocese of Parramatta)
*   Steven Shaw (Catholic Schools Office Maitland-Newcastle)
*   Cynthia McCammon (Catholic Education Office Wollongong)

PROJECT TEAMS

To insure that key projects are deployed in a manner that meets the needs of CEnet Member Dioceses, a number of project teams were active in 2015. These teams are formed with the support of Member Dioceses and the collective wisdom and experience that the team members provide, deliver a great benefit to the broader CEnet membership.

The CeSIS Project Team
*   Helen Bentham (Catholic Schools Office Broken Bay)
*   Peter Godwin (Catholic Schools Office Townsville)
*   Kevin Trimble (Sydney Catholic Schools)

The CeSIS Business Functions Team
*   Andrew Burgess (Catholic Schools Office Lismore)
*   Kevin Trimble (Sydney Catholic Schools)
*   Debbie Braund (Catholic Education Office Wollongong)

The CeSIS Service Delivery and Management Project Team
*   Catherine Mitchell (Catholic Education Office Wollongong)

TECHNOLOGY USER GROUPS

2015 saw the commencement of an initiative to provide forums to bring together technical experts with responsibilities in particular areas within Member Dioceses. During the year a number of Technology User Groups (TUGS) were established to share expertise, insights and advice. At present there are five TUGS meeting regularly by video conference and the benefits are being shared by the whole CEnet membership.
*   The Identity and Access Management TUG
*   The Web Content Filtering TUG
*   The Infrastructure as a Service & Diocese DMZ TUG
*   The HD Video Conference Service TUG
*   The Co-location TUG

COG MEETING IN ROCKHAMPTON

While the core services of the ONCE initiative are the CeD³ data warehouse and the CeSIS, the sentiment of sharing to reduce effort and develop understanding that is ONCE, is much more broadly based.

The CEnet COG IT Leaders' group meets regularly by video conference and has a face to face meeting at least once per year. These meetings usually take place in Sydney, but this year it was decided that from time to time meetings should be held in Member Dioceses to provide an opportunity to showcase activities and to foster a greater understanding of the diverse needs supported by Members.

The first of these Member Dioceses meetings was hosted recently by Rockhampton Diocese and provided a great opportunity for diocese-based IT leaders and a number of CEnet staff to gain insights to how the work they do impacts on learning and teaching activities.

Ron Hamilton from Rockhampton Diocese with student.

Matthew Gully and Michael Ivkosic from CEnet.

Ron Hamilton (top) from Rockhampton Diocese and Robie Jayawardhana from Townsville with a student from Rockhampton Diocese.

Leesa Jeffcoat, Director, Rockhampton Diocese, addressing the COG.

ADVOCACY

CEnet continues to be recognized for the expertise within the federation and where opportunities arise to inform and support Member participation in state and national activities, is always available to assist.

As NAPLAN online moves closer, CEnet is providing technical input to the process by assisting the NSW CEC in its role of representing and advocating for Catholic education.

Senior CEnet personnel are involved in a number of representative committees to ensure that the needs of Catholic education are informing planning processes.

SHARED EFFECTIVENESS, EFFICIENCY AND DEMONSTRATED VALUE

DELIVERING VALUE BY WORKING TOGETHER

The benefits of operating in a federation are many and varied and when opportunities to benefit Member Dioceses present themselves, CEnet acts to make these available.

CEnet has historically purchased solutions and services to run centrally for the benefit of Members. This process has led to the purchase of shared infrastructure and services. In recent years, there has been a growing interest from Members in the harnessing of purchasing power to reduce costs incurred for the use of software within Member Dioceses. This interest continued in 2015 with the renewal, on behalf of participating Member Dioceses of an enterprise licensing agreement for the provision of SketchUp Pro software for use on any device in participating Member Dioceses. This agreement has removed cost as a barrier by reducing outlay by from in excess of $20.00 pa per license, to less than 0.20c per license. As a result, this sophisticated 3D drawing tool can be made available to any student or staff member who wishes to explore their potential in this medium.

The success of the SketchUp Pro group purchase activity has encouraged staff in Member Dioceses to consider other potentially beneficial opportunities to reduce cost through group procurement and as each of these is suggested to CEnet, an expression of interest process is conducted and where there is sufficient interest, discussions commence to secure favourable pricing.

As a result of request from Member Dioceses, CEnet has engaged with a number of suppliers, including Adobe, Softlink, PaperCut, Microsoft, and the organisers of the Edutech conference. During 2015, discussions commenced to develop an enterprise agreement with Adobe, designed to meet the needs identified by Members for to access a comprehensive range of software with the flexibility to pay only for licenses required, rather than on a whole of school basis, and to provide to individuals or via shared devices.

THE DIOCESE OF HOBART JOINS CEnet

During 2015 the Diocese of Hobart, which has the responsibility for Catholic education in Tasmania, made the decision to request the opportunity to join the CEnet Membership.

As a result of the CEnet Board's welcoming of this request, during the latter part of the year, work commenced on preparation for the transition of the diocese into CEnet membership. Joining the CEnet federation will provide Tasmania Catholic Education to take advantage of the services available to CEnet Members and will provide opportunities to develop closer professional relationships with Member Dioceses.

EXCELLENCE
IN INNOVATION
AND SERVICE
DELIVERY

THE ONCE STRATEGY

The ONCE strategy aims to deliver a comprehensive information management system across CEnet Member Dioceses to support the core business of learning and teaching and to enhance administration and reporting.

The ONCE strategy, incorporating the CeD³ data warehouse and Student Information System (CeSIS) continued to build momentum in 2015 with CEnet staff working with experts drawn from Member Dioceses to deliver a comprehensive information management system to support administration, reporting and the core business of learning and teaching.

The ONCE service will support the plans for Member Dioceses to:
• Enhance student learning through aggregated, holistic information regarding students
• Standardise business practices and reduce duplication of work processes
• Leverage a range of data to support school, diocesan and state-based planning
• Deliver low total cost of ownership through central management of hardware and software
• Streamline maintenance and enable all schools to always use the latest application versions
• Provide high availability and ubiquitous access from anywhere, any time

Building on activities conducted over the last two years, significant progress has been made towards the implementation of the ONCE strategy with CEnet and Member Diocese-based personnel taking advantage of the video conference infrastructure supported by CEnet to meet regularly. The use of video conferencing infrastructure has enabled diocese-based experts from across the CEnet membership to contribute with limited travel, meaning reduced time away from their day-to-day activities.

Data Analysis in the Catholic Education Data Driven Decision-making Project (CeD³)

The Catholic Education Data Driven Decision-making (CeD³) data warehousing project is a central element of the ONCE Strategy. CeD³ is large scale digital storage repository designed to enhance data storage and analysis capabilities with Member Dioceses having access to the latest analysis and reporting tools that can be used with data stored in the system.

The analysis component of CED³ was released this year and makes use of a business intelligence and analytics facility to provide staff in Member Dioceses with access to a powerful tool to draw new meaning and understanding from available data. The Business Intelligence Service includes an intuitive and easy-to-use report writer designed to give non-technical users the ability to create powerful new understanding from data by delivering drag-and-drop simplicity for formatting and data selection.

Directors of Education had the opportunity to view the first release of the new Business Intelligence Service at a meeting in Sydney early in the year and were able to see the power and ease of use of the service first-hand. Directors were interested in the ease of report creation and how users can combine diocese data with data drawn from disparate sources such as the Australian Government Census and NAPLAN.

The demonstration showed how the Student Census Dashboard is designed to provide trend reporting across census years within a school or diocese and how the dashboard enables users to analyse data by filtering and drilling through to the detail or by running existing, related reports to help answer questions such as:

• How many students are enrolled across years?
• What is the ATSI or gender trend?
• What is the growth of our student body?

Directors also viewed the Student NAPLAN Trend Dashboard which is designed to quickly and easily trend key metrics over a period of time and will help answer the following questions:
• How have the NAPLAN mean scores trended over time by domain?
• How has the percentage of students by band group trended over time by domain?
• What percentages of students fall into each band?
• Who are the students in each band?

Directors also had the opportunity to view the presentation tool built into the service and designed for ease of use with staff able to create PowerPoint-like presentations using data drawn directly from the data warehouse, enabling presenters to 'drill down' into data while presenting to groups.

Viewers noted that this feature alone will enable dioceses to present and make use data in ways they have not been able to do before and the ease of use will be a great time saver. Comments from participants in the demonstration reflected the feeling that the solution:
• is easy to use
• requires no technical knowledge to create and consume reports
• is a 100% web based business intelligence product supporting the provision of dashboards
• reporting and data analysis have a modern look and feel
• is feature rich and provides mobile device support
• provides collaboration mapping capabilities
• enables data discovery self-service reporting.

Assisting Member Dioceses to Benefit from CeD³
The CeD³ data warehouse became a service available to all Member Dioceses in August 2015. To assist Member Dioceses in the process of preparing data, CEnet created and distributed documentation developed with the assistance of dioceses that participated in the pilot program. In addition to support documentation, CEnet's Data Team is assisting member Dioceses as they move to take advantage of the benefits of CeD³.

A Data Trustee Committee has been formed to ensure that the evolution of the service reflects the needs and requirements of Members. The CeD³ data warehouse is the first business service delivered at the request of Member Dioceses by CEnet and the membership of the Data Trustee Committee reflects this fact. The members of the committee primarily represent education and corporate users within Member Dioceses and each has been nominated by their diocese to have input to the ongoing planning and direction setting for CeD³.

The creation of the CeD³ Data Trustees Committee represents a significant step and signals the handover of the data warehouse to experts who will steer the service's evolution, with CEnet providing the technical expertise to achieve the aims and goals of Member Dioceses.

The Catholic Education Student Information System (CeSIS) Project
As the second of the two core elements of the ONCE initiative the Student Information System (CeSIS) is being developed on behalf of CEnet Member Dioceses to deliver benefits for students, parents, teachers and administrators.

In 2015, following a Proof of Concept process, the CEnet Board approved the selection of a solution to meet the needs or Member Dioceses and the move to a Pilot program. As a result, work commenced on planning for the CeSIS Pilot Program which will involve three Member Dioceses:
• Townsville,
• Sydney and
• Wollongong

The dioceses are preparing for participation in the pilot which will commence in term 1, 2016.

The (CeSIS) service will enable Member Dioceses to standardise business practices and applications and will offer better access to information that can be used in planning. The service will provide modules to assist with:
• Student management,
• Assessment and reporting,
• Resource management,
• Financial and Asset management,
• Performance, Reporting and Analysis.

Supporting Member Dioceses - CeSIS Service Desk
As part of preparation for the implementation of the Member Diocese Student Information System, CEnet on behalf of members is conducting a review of the service desk tools used in Member Dioceses. This review will inform planning for strategies being put in to support the use of the Member Diocese Student Information System.

Catherine Mitchell from the Information Communication and Learning Technology Group within CEO Wollongong is managing the review process for CEnet and its members and commenced the process by distributing an online survey to IT teams in Member Dioceses.

This project is identifying support mechanisms currently being utilised in dioceses and will contribute to understanding of needs and requirements for a service desk tool to support users of the Student Information System within Member Dioceses.

An efficient service desk is seen as a critical element of providing meaningful ongoing support for users of the CeSIS service. The project, to be implemented in 2016, will have 3 elements;

1. The implementation of a Service Management tool that can be used by CEnet to support the CeSIS. This will enable members of the CEnet CeSIS service team to support the IT teams in Member Diocese as they manage their individual CeSIS deployments and will provide the added advantage of a cross-diocese view of service requests which will assist in the development of strategic approaches to common requests.
2. The implementation of a Service Management tool that can be used by dioceses to log CeSIS requests. This extension of the service will enable diocese-based IT teams to manage a range of CeSIS requests and will also integrate the solution with the Compass service desk. This will provide direct access to emerging issues from within Compass and will also enable diocese IT teams to have clear visibility of progress towards solutions.
3. Provision of the ability for dioceses to use the IT Service Management tool for own diocese activities. This element will enable Member Dioceses to take benefit from the advantages of an enterprise service desk solution.

Supporting Member Dioceses - The ONCE Website
To ensure that the staff in Member Dioceses have access to up-to-date information on the One Network Catholic Education (ONCE) and it's core elements, CeD³ and CeSIS & CeFMS, CEnet has implemented the ONCE website, located at once.cenet.catholic.edu.au.

The ONCE website provides a launchpad to explore CeD³ and CeSIS & CeFMS.

The ONCE Website – a Launchpad to services

CEnet has created a CeD³ portal, linked from the ONCE site, which includes a range of video tutorials to assist staff in Member Dioceses to quickly become confident in their use of the resource.
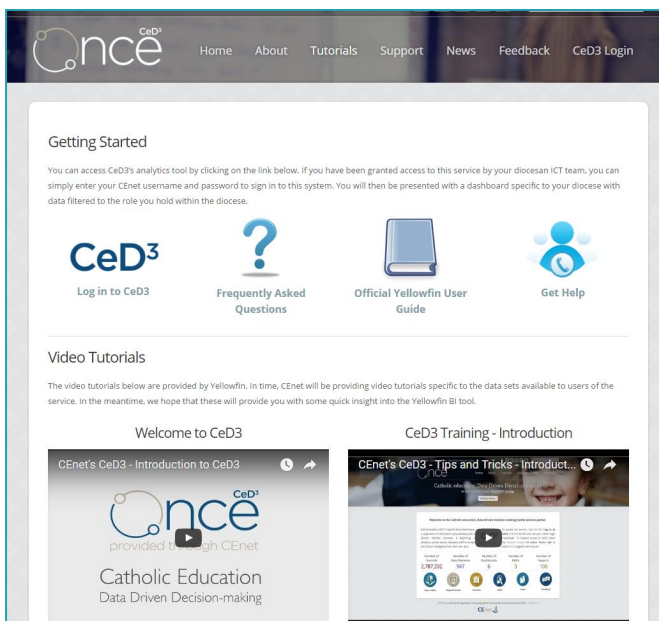
The ONCE website – providing access to support materials

Staff visiting the ONCE site can also access a range of resources created to assist with planning and implementation of the CeSIS & CeFMS services.

The site includes a comprehensive change management toolkit and a broad range of communication and project management templates developed specifically to assist personnel in Member Dioceses.

A CHANGE OF LOCATION FOR CEnet

Since establishment CEnet has been operating out of offices adjacent to Holy Spirit Catholic College in Bellambi, north of Wollongong. During 2015, due to the College's growing need for space, CEnet started exploring opportunities to relocate within the Wollongong region.

Towards the end of the year a full floor in an office building located in Crown Street Wollongong was identified as the best fit to meet the needs of the organisation and work commenced on creating an open plan workspace designed to support the collegial culture of the organisation. A number of shared meeting spaces are also being created to ensure that there is sufficient capacity to support the range of video conferencing activities that occur between CEnet and Member Dioceses. CEnet has planned its relocation to occur during the December - January break to ensure minimal disruption to services and plans to be fully functional before the commencement of the new school year.

A NEW CEnet WEBSITE
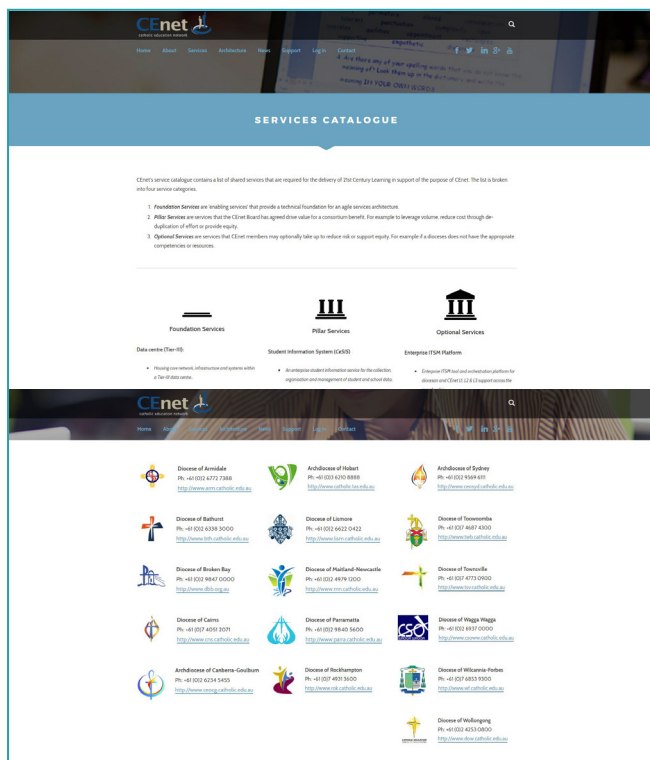
As part of ongoing commitment to enhancing services, a new CEnet website was released in 2015.

The site, located at cenet.catholic.edu.au, provides access to corporate information and links to updates on CEnet projects.

Visitors to the CEnet website site will also find information about CEnet Members, CEnet Services to Members and CEnet's Architecture.

The CEnet website also provides authenticated access to a number of CEnet services.
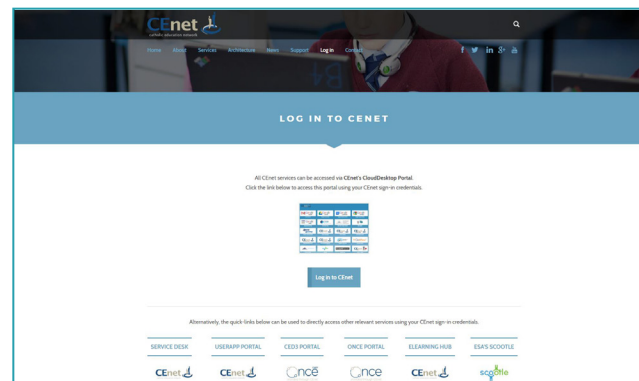
CEId'er

The CEnet ONCE initiative has highlighted the need for a unique and persistent student and staff identifier so as to enable longitudinal reporting through CeD^3, and portability of a user's e-Portfolio within the CEnet SIS and connected systems.

To meet this need, CEnet has initiated the CEId'er project which will provide an automated system that ensures the data the ONCE initiative collects and reports on is unambiguous and attributed to the correct individual. To support this a reference number (identifier) that is unique to a specific individual and never used by another individual is required. This unique identifier will stay with the individual over time and is the only identifier for that individual in the system. This will enable data collection for an individual over time, even if they leave the system and re-join for example a student who returns as a teacher.

CEId'er
catholic education network

Internet and Peering + Caching
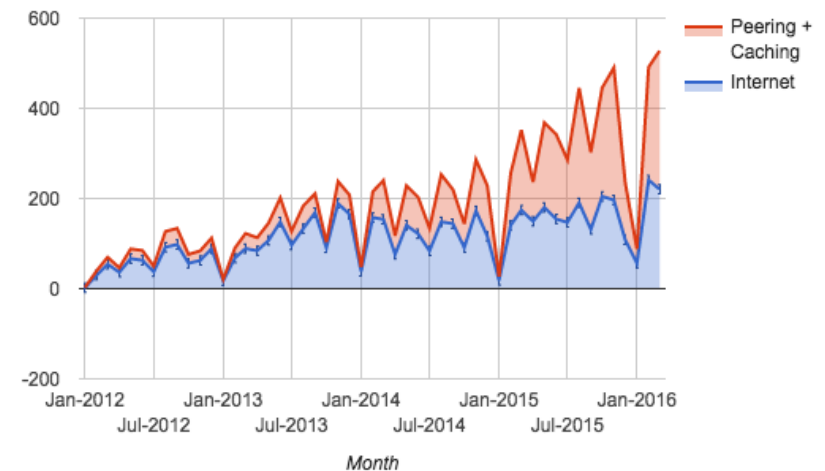
CEnet provides aggregated Internet access service to its members by the deployment of a carrier-grade Internet border network. The network consists of two major Internet carrier feeds and 'peering' connections.

Peering is an important element of the service provided by CEnet as it enables data traffic to be received from many common Internet locations such as Google, Apple, Microsoft, Akamai etc.), without incurring charges for data movement.

In 2015, CEnet introduced an additional 10Gbps peering connection through IX-Australia that has enabled an increase in CEnet's 'on-net' traffic and has delivered significant efficiency, financial and resiliency benefits.

The graph above shows the ongoing growth in Internet usage within the CEnet Membership and illustrates the increasing value that the peering relationships established by CEnet, are delivering to Members.

FINANCIAL ACCOUNTS

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2015

	Note	2015 $	2014 $
Revenue from ordinary activities	2	9,951,831	8,791,158
Salaries and associated costs		(2,838,843)	(2,310,519)
Information technology costs		(6,554,416)	(5,810,136)
Occupancy costs		(135,016)	(78,488)
Corporate costs		(128,243)	(118,452)
Operating costs		(214,695)	(203,961)
Surplus from operating activities	3	80,618	269,602
Finance income		83,501	98,420
Finance costs		(219)	(648)
Net finance income		83,282	97,772
Income tax expense	1	-	-
Operating surplus		163,900	367,374
Other comprehensive income, net of tax		-	-
Total comprehensive income		163,900	367,374

The Statement of Profit and Loss and Other Comprehensive Income is to be read in conjunction with the notes to and forming part of the financial statements.

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2015

	Note	2015 $	2014 $
CURRENT ASSETS			
Cash and cash equivalents	4, 12(i)	2,581,313	2,168,781
Trade and other receivables	5	438,406	194,342
Other current assets	6	988,319	1,230,308
TOTAL CURRENT ASSETS		4,008,038	3,593,431
NON-CURRENT ASSETS			
Plant and equipment	7	2,266,307	3,524,800
Intangibles	8	943,428	157,962
Other assets	6	14,460	82,884
TOTAL NON-CURRENT ASSETS		3,224,195	3,765,646
TOTAL ASSETS		7,232,233	7,359,077
CURRENT LIABILITIES			
Trade and other payables	9	384,607	426,608
Other liabilities	10	1,195,175	1,245,708
Provisions	11	288,056	248,529
TOTAL CURRENT LIABILITIES		1,867,838	1,920,845
NON-CURRENT LIABILITIES			
Other liabilities	10	1,768,041	2,039,389
Provisions	11	46,030	12,419
TOTAL NON-CURRENT LIABILITIES		1,814,071	2,051,808
TOTAL LIABILITIES		3,681,909	3,972,653
NET ASSETS		3,550,324	3,386,424
MEMBERS FUNDS			
Retained earnings		3,550,324	3,386,424
TOTAL MEMBERS FUNDS		3,550,324	3,386,424

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 DECEMBER 2015

	Note	2015 $	2014 $
CASH FLOWS FROM OPERATING ACTIVITIES			
Cash receipts in the course of operations		9,639,433	8,823,709
Cash payments in the course of operations		(8,223,042)	(7,571,986)
Interest received		84,389	98,420
Net cash provided by operating activities	12(ii)	1,500,780	1,350,143
CASH FLOWS FROM INVESTING ACTIVITIES			
Payments for plant and equipment		(885,655)	(2,515,943)
Payments for intangibles		(227,221)	(77,955)
Proceeds from sale of property, plant and equipment		24,628	259,690
Net cash used in investing activities		(1,088,248)	(2,334,208)
CASH FLOWS FROM FINANCING ACTIVITIES			
Repayment of interest bearing liabilities		-	(33,765)
Net cash used in financing activities		-	(33,765)
(Decrease)/Increase in cash held		412,532	(1,017,830)
Cash at the beginning of the financial year		2,168,781	3,186,611
Cash at the end of the financial year	12(i)	2,581,313	2,168,781

1. The summary (above) of the financial statements of CEnet was extracted from the audited 31 December 2015 financial statements. These are available upon request from Greg Parrish (Chief Executive Officer) or via a company search of ASIC.

Auditor Statement

Bush and Campbell has performed an independent audit on the financial report of CEnet for the year ended 31 December 2015, to which an unqualified opinion was issued by us. The above summary "Statement of Comprehensive Income", "Statement of Cash Flows" and "Statement of Financial Position" were extracted from the audited financial statements. To the extent permitted by law, we do not accept liability for any loss or damage which any person may suffer arising from any negligence on our part. No person should rely on the summary financial statements set out above without having read the full annual report for the year ended 31 December 2015.

Dated 20th April 2016

Bush and Campbell - Chartered Accountants
Peter King
Partner

STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31 DECEMBER 2015

	Note	2015 $	2014 $
Opening balance at 1 January		3,386,424	3,019,050
Surplus attributable to members		163,900	367,374
Balance at 31 December		3,550,324	3,386,424