

Improving Student Transition to Post-Secondary Education

Exploring BC's partnerships and business transformations using PESC XML Transcripts

Bert van der Geest

**Consultant to BC Ministry of
Education**

Bert@vantecinfosys.com

Cathy van Soest

**Manager, Transcript Services
EducationPlannerBC**

Cathy@educationplannerbc.ca



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EducationPlannerBC

Topics

- Background
- Student Transcripts service
- Partnerships
- Business Transformation
- Benefits and Challenges
- Current status and future plans



Background - EducationPlannerBC

Located in British Columbia, Canada

Province-Wide Service

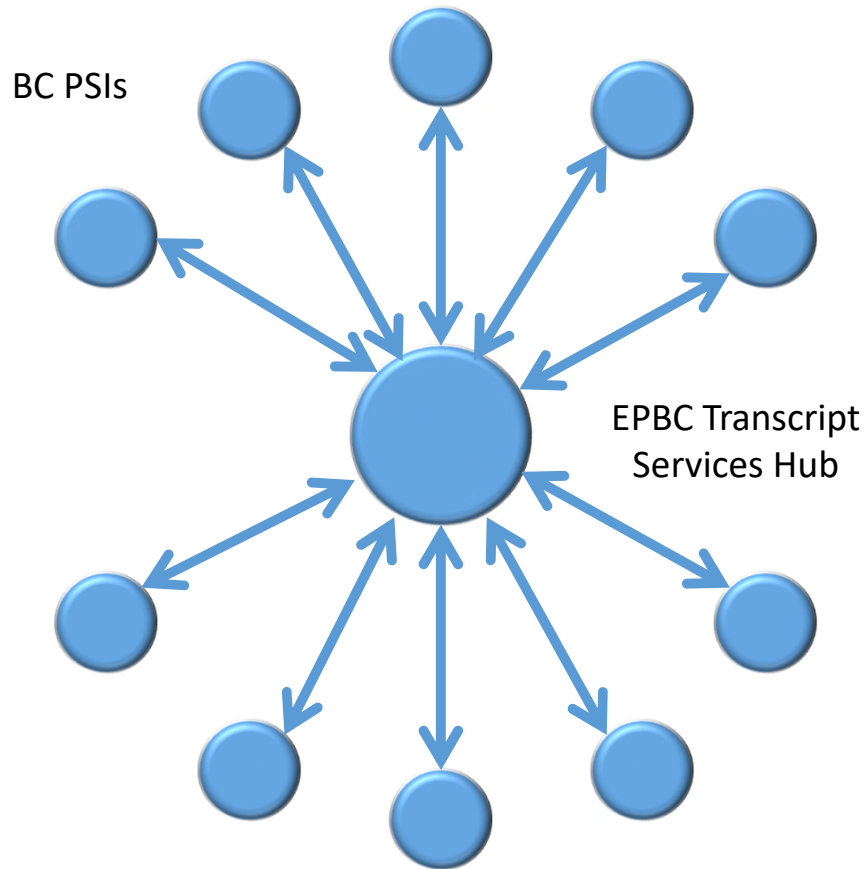
Application Service



Transcript Exchange



Background - EducationPlannerBC



- Hub and Spoke Model
- Engaging Institutions
 - Transcript Services Reference Group
 - Standards
 - Sub-Groups/Working Groups
 - Post-Secondary & High School Transcripts
- National Exchange
 - Ontario Universities' Application Centre

Background - Ministry of Education

Provincial Shared Student Information System

- Public schools
- Independent / First Nations schools
- Public schools in Yukon

Other Student Information Systems

- International schools
- Independent / First Nations schools

- Students
- Courses
- Marks



Unique Personal Education Number (PEN)

Ministry of Education

- Responsible for:
 - Graduation determination
 - Provincial Exams / Assessments
 - Provincial Scholarships
 - Official Transcript production and distribution
 - Official Certificate issuance

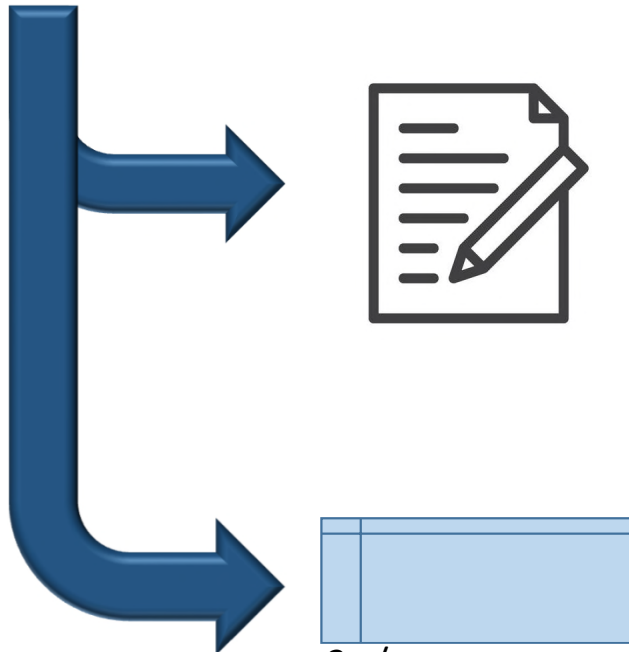


- Students
- Courses
- Marks



Background - BC Ministry of Education

TRAX – Transcripts and Examinations System



- Printed Transcripts to students, schools, Post-Secondary Institutions and Employers

- Batch electronic to public Post-Secondary Institutions in BC, Alberta (2 PSIs), and OUAC

2x / year

- May for Interim marks
- July for Final marks



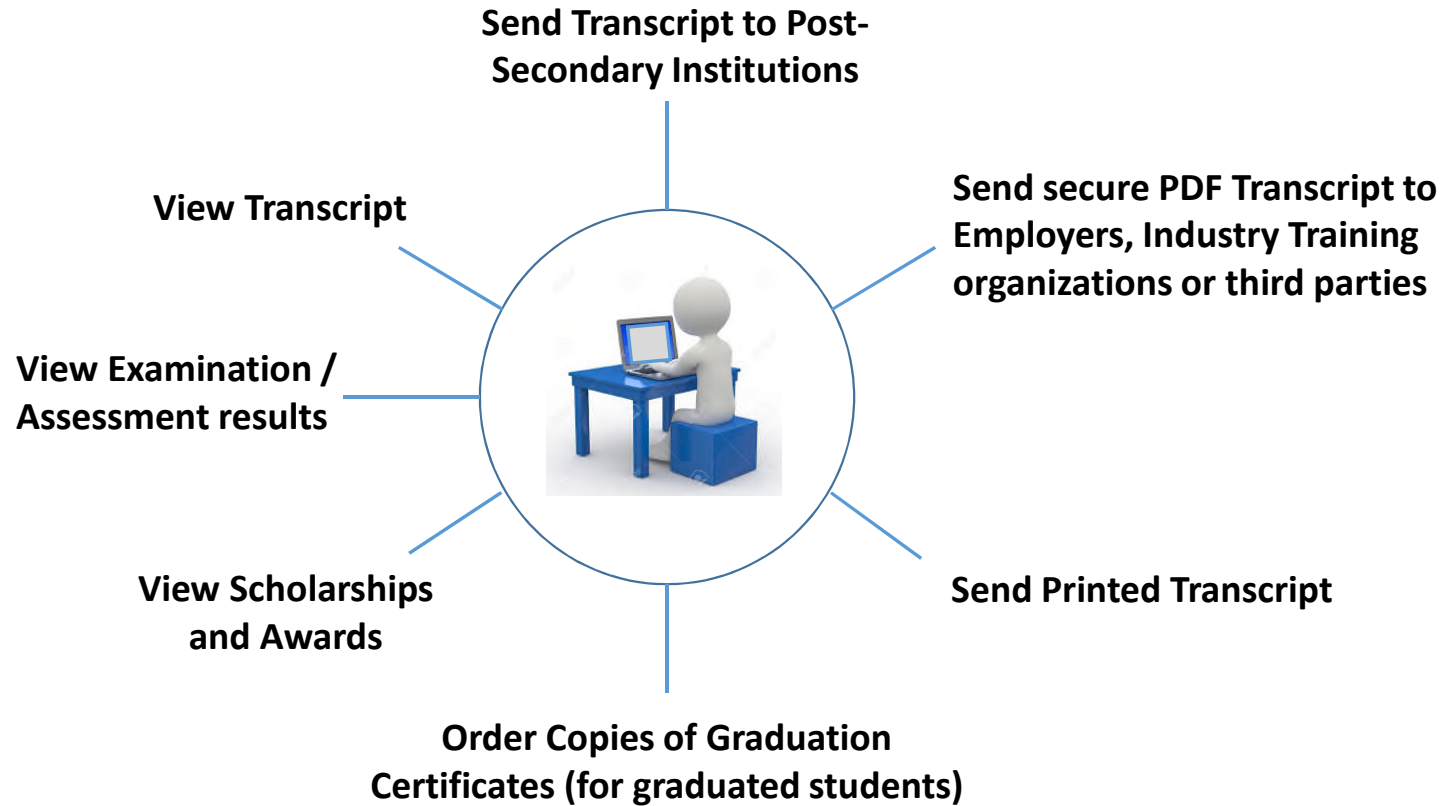
Objectives of the Student Transcripts service

To improve student transition to Post-Secondary Institutions through:

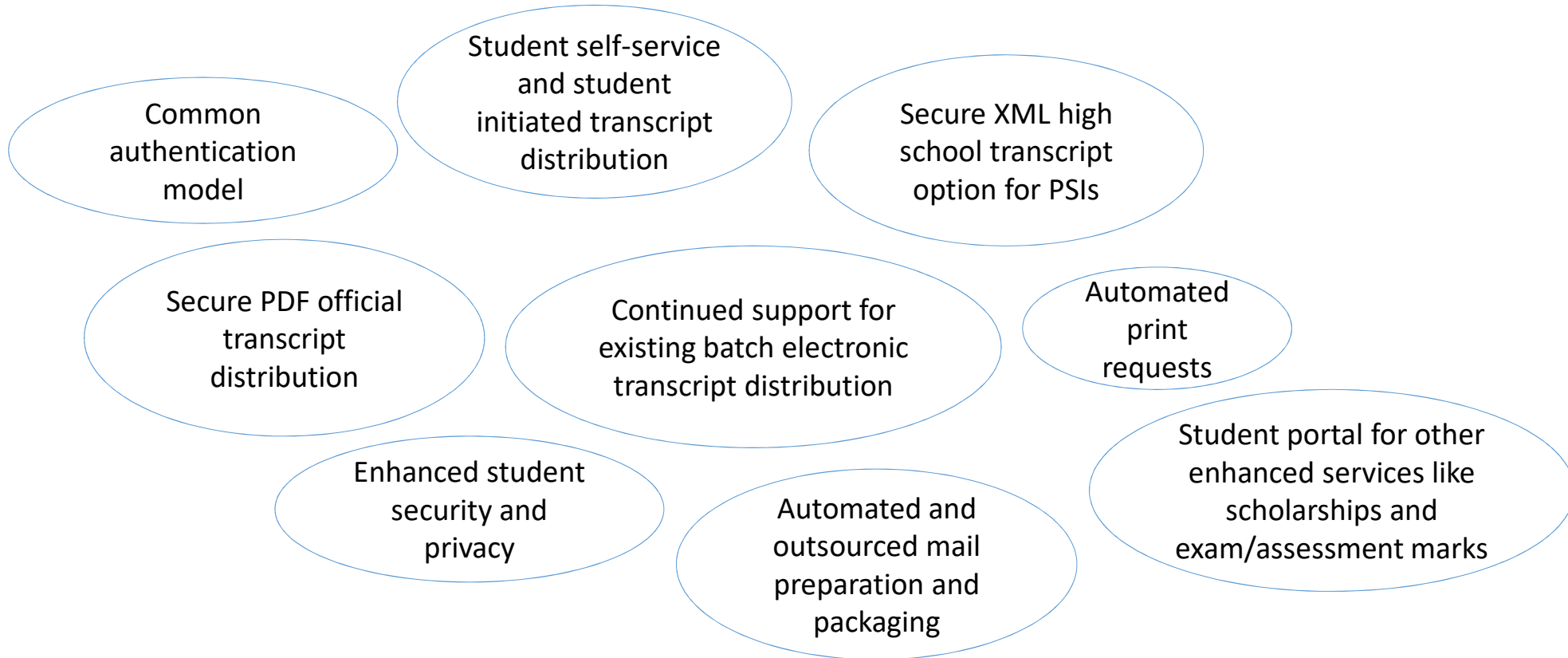
- ✓ Enhanced services to students/public to access and distribute transcripts electronically
- ✓ Administrative efficiencies for the Ministry of Education, Post-Secondary Institutions, Schools and School Districts
- ✓ Support for existing transcript distribution mechanisms



Student Transcripts service

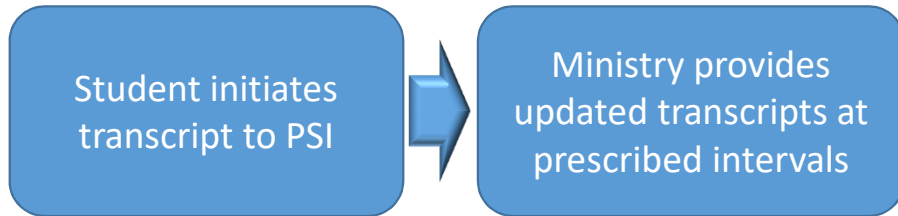


Student Transcripts - Key Features



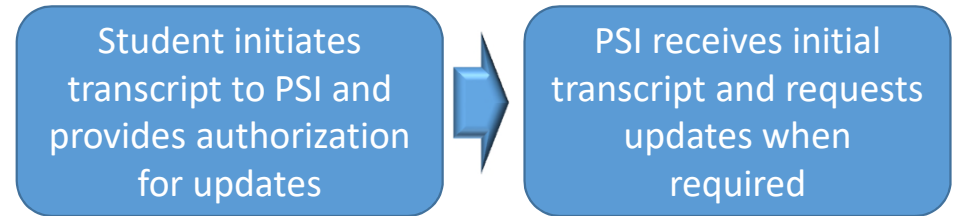
Strategies considered for interim mark transcript distribution

PUSH



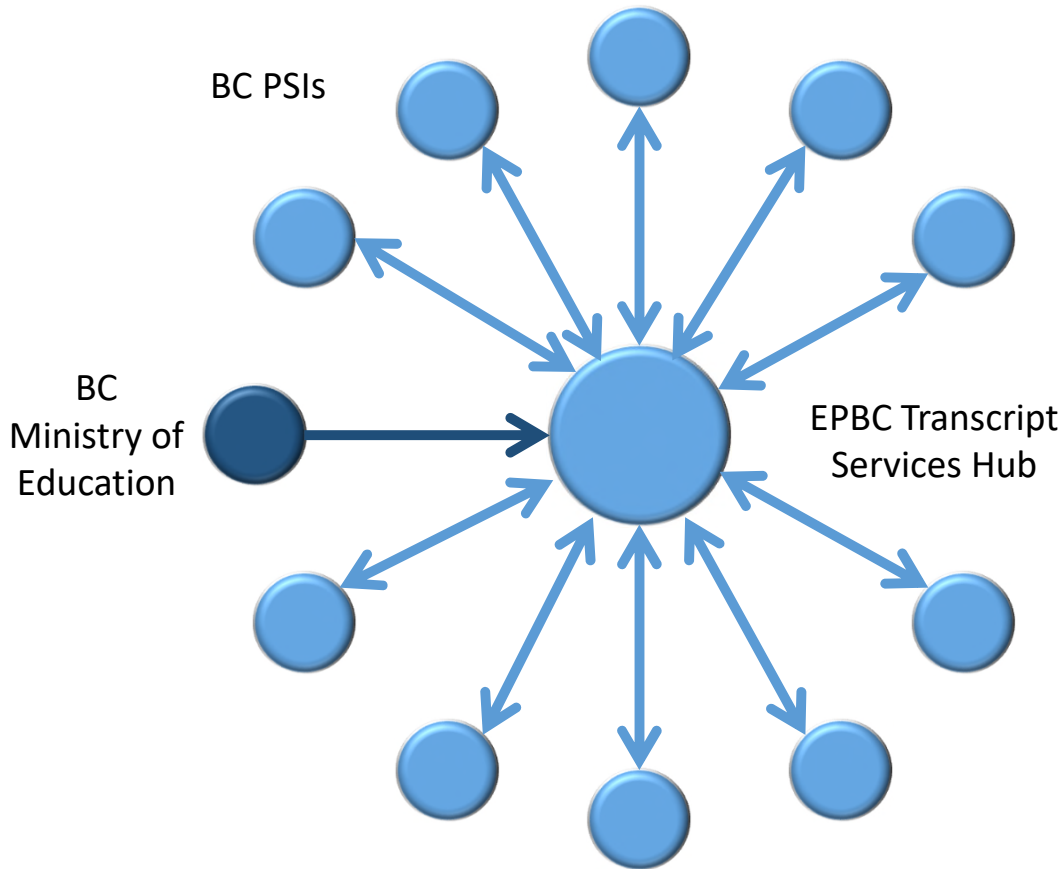
- Consistent with existing legacy batch processes

PULL



- Accommodates different PSI intake processes and schedules
- Enables selective updates for evaluation of limited enrolment programs or entrance scholarship eligibility

EducationPlannerBC Transcript Services extension



- Pilot Project Working Group with the BC Ministry of Education, EducationPlannerBC and selected PSIs.
- Two PSIs participated in the development & testing.
- Added new PESC XML standards to the Hub
 - High School Transcript
 - Transcript Request
 - Transcript Response

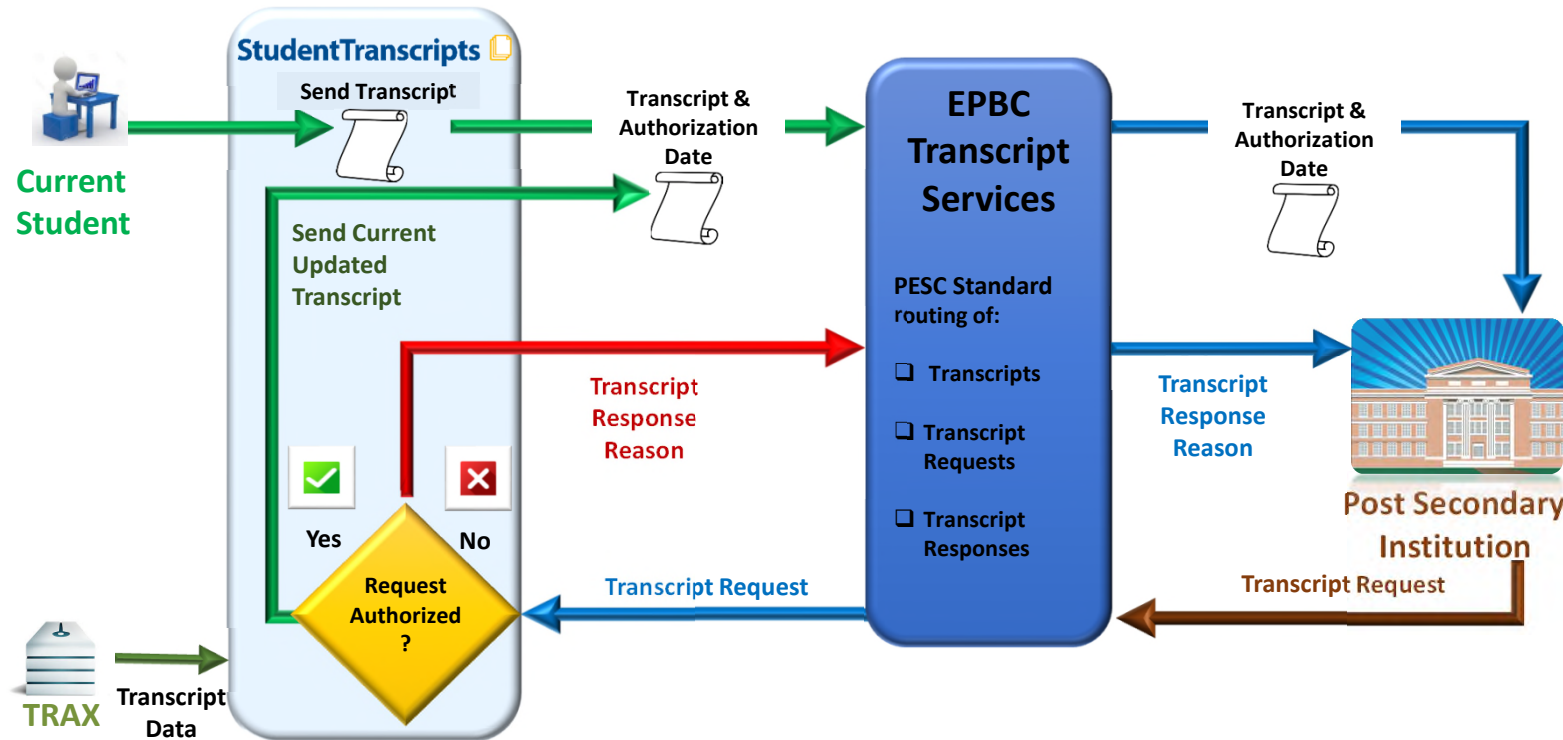


EPBC - PESC standards used

- High School Transcript v1.5.0
- Functional Acknowledgement v1.2.0
 - Returned to acknowledge successful delivery to the PSI and notify the student of delivery date and time
- Transcript Acknowledgement v1.1.0
 - Returned to acknowledge processing of transcript within the PSI Student Information System and confirm the integrity of the received transcript
- Transcript Request v1.4.0
 - Allows for 1 or many student transcripts to be requested
- Transcript Response v1.4.0
 - Provided only if a Transcript cannot be provided in response to a Transcript Request and provision of the reason for non-delivery

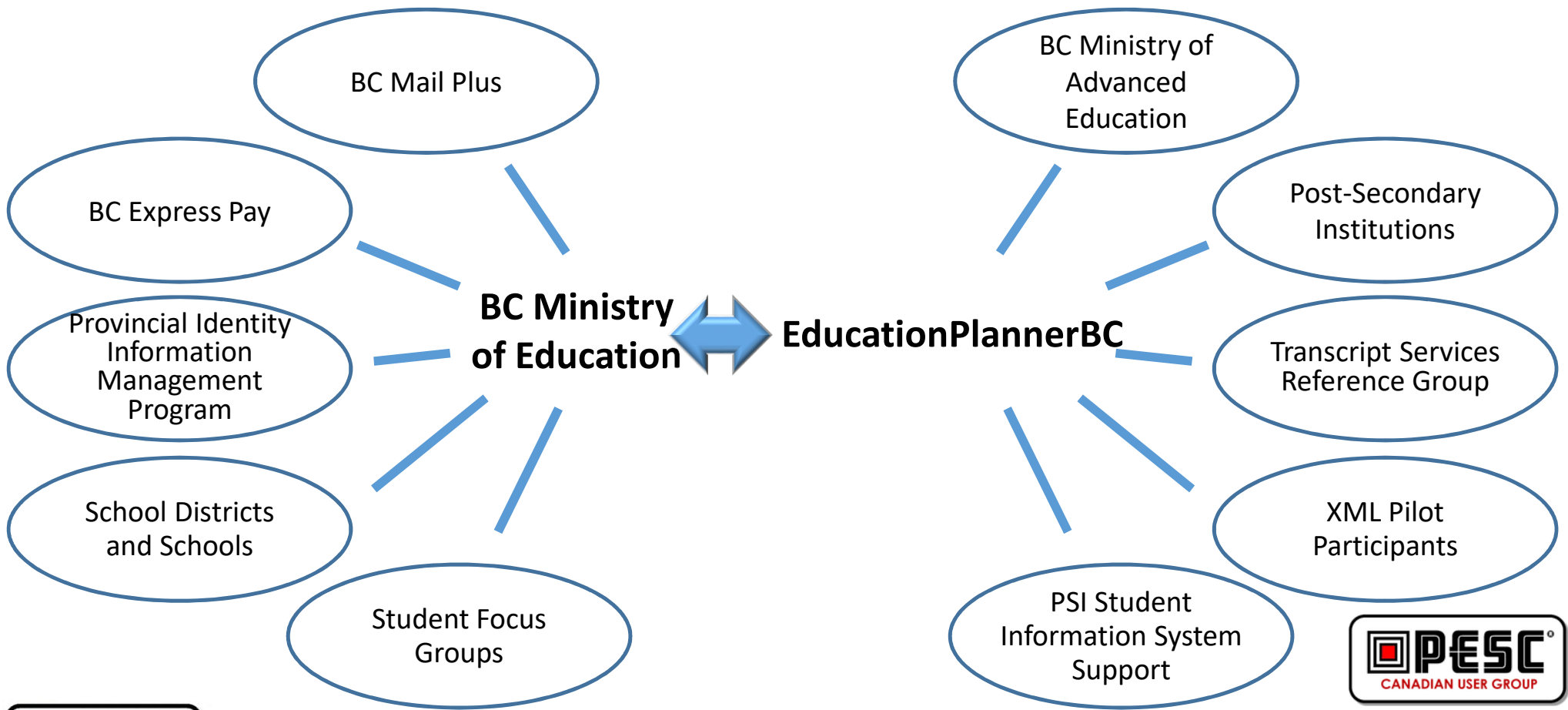


StudentTranscripts XML process

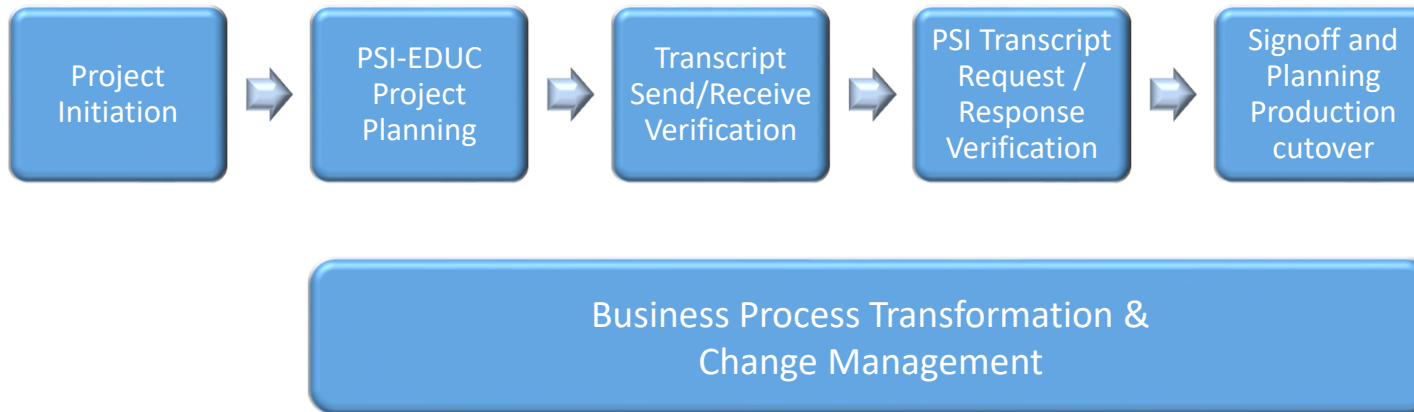


- Student centric
- Flexible and responsive – demand driven model
- Secure and efficient
- Authorization for updates

Partnerships







PSI XML On-boarding



- Project planning template
- Pre-defined test scenarios
- User-defined test scenarios
- Volume tests
- Support for business process changes

Business Transformation

Before XML transcript		After XML transcript
Data entry and document fraud detection		Focus on thoughtful assessment and admissions decisions
Student self-reporting and mark validation		Reduction in calls from and follow-up with students
Batch processing		Targeted evaluation of student transcripts for entrance scholarship eligibility, limited enrolment programs, and preliminary conditional offers
Paper management		Efficient use of office resources



For Students

- Student controlled secure transcript distribution
- Eliminates self-reported grades
- Transcript receipt status update
- Privacy
- Opportunities for PSIs' to make earlier admission and program acceptance decisions

Benefits

For Post-Secondary Institutions

- Administrative efficiencies
- Secure delivery of electronic transcripts
- Ability to receive interim mark updates
- Eliminates self-reported grades
- Focus on contact directly with students
- Reduction in calls from students



Challenges

- Competing priorities
- Staffing turnover
- Communications to a broad number of key stakeholders
- Working with PSIs that had not set up the Post-Secondary exchange
- Awareness of PESC
- Establishment of Information Sharing Agreements with key partner organizations
- User Interface definition
- Coding and testing a custom developed solution



Current Status and Future Plans

- 5 BC Post Secondary institutions are currently in Production
- Various BC PSIs are preparing or planning their on-boarding for Sept 2019
- Priorities for the Ministry of Education
 1. On-board remaining BC PSIs
 2. Replace remaining batch file implementations including OUAC and Alberta PSIs
- Priorities for EducationPlannerBC
 1. Support PSIs with onboarding requirements
 2. Develop collaborative business process change management practices with PSIs



THANK YOU!

QUESTIONS & ANSWERS

