

3M Science.
Applied to Life.™



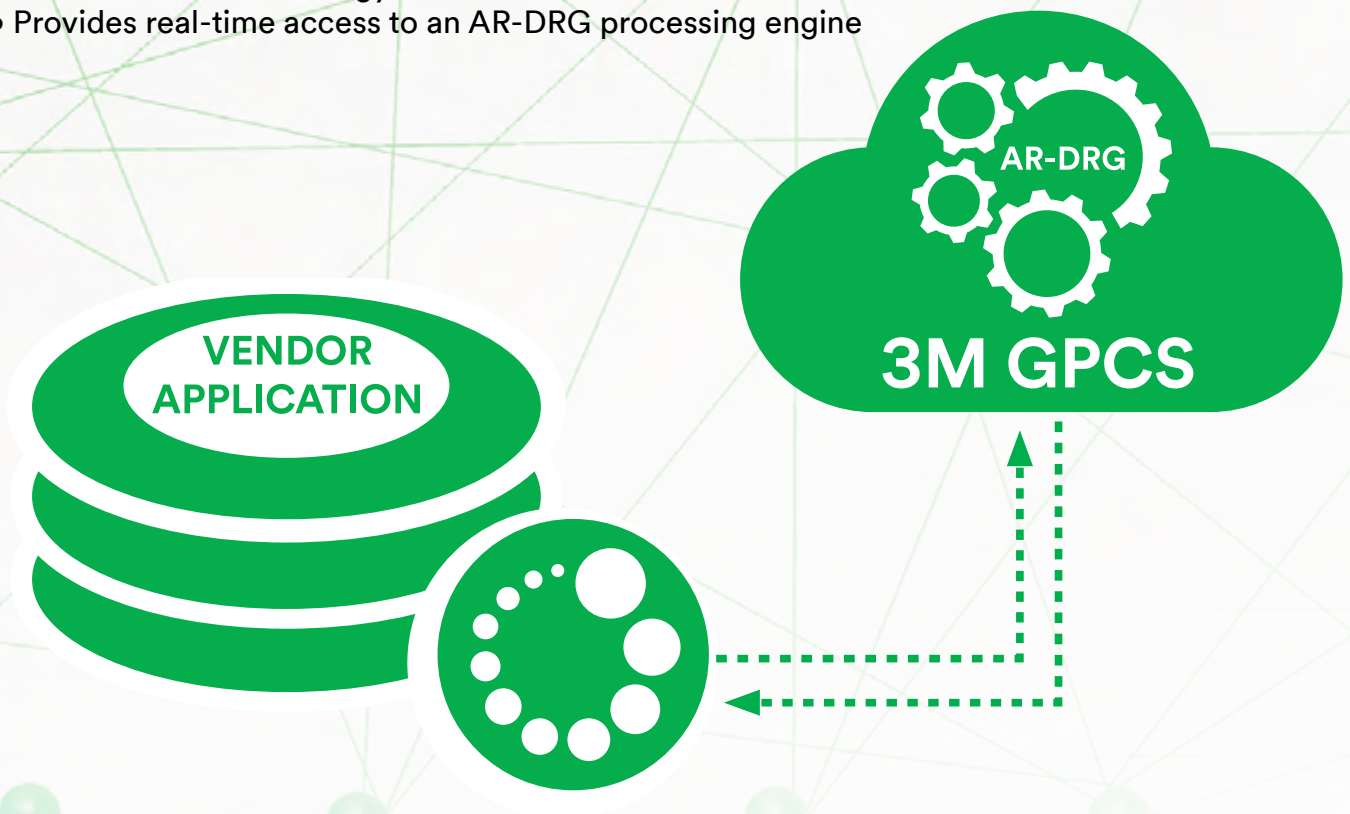
Grouping Plus Content Services (GPCS)

Multi-threaded batch computing.
Applied to enhancing your DRG analysis.

What is Grouper Plus Content Service (GPCS)?

GPCS is a hosted grouper

- Utilises 'cloud' technology
- Provides real-time access to an AR-DRG processing engine



What are the benefits of GPCS?

Uses SOAP

- Industry standard programming language
- Allows embedded grouping results within vendor applications on many platforms e.g. desktop, mobile and web.

Ease of Updates

- Since updates happen on the server, new releases are instantly available
- Ready to implement at your convenience which reduces IT time to do updates

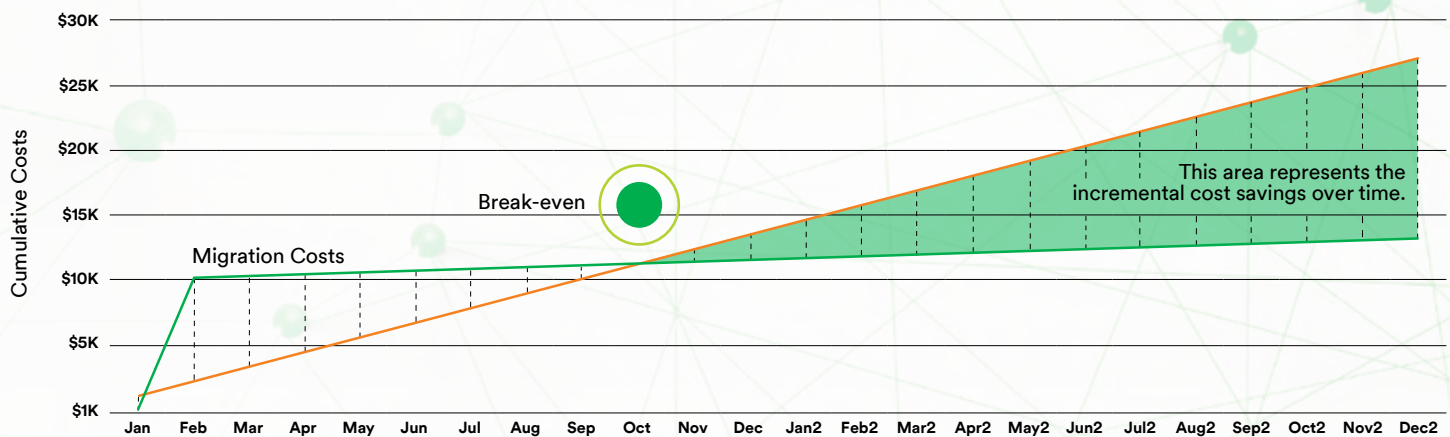
Uptime and Latency

- 99.9% uptime guaranteed
- Latency: if batching with the recommended 3000 records/transaction, the average time <10 seconds

Cost Savings

- No IT footprint
- A once-off migration investment may be required, but these costs are quickly offset by the savings from no ongoing hardware costs and licencing for operating systems
- Results in a better ROI solution for the long term

Cost Savings



Assumptions:

- Current costs = \$1124 (\$10-12K per server for hardware and licensing p.a.)
- GPCS costs = \$124/month
- Initial migration costs = TBD with your vendor, \$10,000 assumed in this example

— Current Monthly Costs
— GPCS Monthly Costs

Security & Privacy of Your Data is Our No.1 Priority

- Identifiable personal information such as patient name is never written to disk. See table below.
- No data will be stored

Typical information that will be sent to GPCS

GPCS Field Name	Description
Admission Weight	Birth weight (in grams).
Admission Date	The date of the patient admission to the hospital.
Admit Diagnosis	Admit Diagnosis.
Age in Days	Admit age in days.
Age in Years	Admit age in years.
Birth Date	The date of the patient's birth.
Claim Identifier	An identifier for the claim, possibly an account number etc.
Code Version	Code version.
Groupr Version	Groupver version used to group patient records.
Hours on Mechanical Ventilation	The number of hours the patient is on mechanical ventilation (HMV).
Total Leave Days	The number of days during which a patient is on leave from the facility.
Length of Stay	Length of stay (LOS) represents the number of days during which a patient receives an acute level of care.

GPCS Field Name	Description
Mental Health Legal Status	Mental health legal status (MHLS) defines those patients who are treated on an involuntary basis under the relevant state or territory mental health legislation at some point during their hospital stay.
Principle Diagnosis	Principal diagnosis.
Procedure Codes	Procedure codes.
Procedure Code Date	The date on which the corresponding procedure occurred.
Same-day Field	Required for grouping when certain diagnoses and procedure codes are entered on the record.
Secondary Diagnosis Code	Secondary diagnosis codes.
Separation Date	The date of the patient separation from the hospital.
Separation Mode	A code that identifies where the patient is at the conclusion of a health care facility encounter or at the end of a billing cycle.
Sex	Patient's sex.
Urgency of Admission	Defines those people who are treated as an emergency.

- GPCS uses industry standard SSL/HTTPS transport-layer encryption to ensure a secure connection
 - Incorporates Client Certificate and Security Token Service (STS) to ensure data security
 - 3M has a private cloud on dedicated servers that are physically located at a secure Australian Data Centre and has the following accreditations:
 - ✓ ISO 27001 Certification
 - ✓ ISO 27002 Certification
 - ✓ ISA 3402
 - ✓ ITIL Standards
- The Data Centre also has the following:
 - ✓ Incident Management Team
 - ✓ Cisco network
 - ✓ Redundant Cisco 3-tier architecture
 - ✓ Dual sourced power feeds
 - ✓ N+1 rated for redundancy



Health Information Systems

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