

**Integrated Data Application  
Glossary  
for the  
Maine Quality Choices  
Interdepartmental Data Integration Project**

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## **Integrated Data Application Glossary of Terms**

CDC.....	Centers for Disease Control and Prevention
CMS .....	Centers for Medicaid and Medicare Services
COTS .....	Commercial-Off-The-Shelf: Packaged, or “shrink wrapped” software products
DBMS.....	Database Management System
DMS .....	Document Management System
EAI .....	Enterprise Application Integration
ETL.....	Extract Transform & Load
GUI.....	Graphical User Interface
IDA .....	Integrated Data Application (see below)
IDE .....	Integrated Development Environment
IDR .....	Integrated Data Repository
LDAP .....	Lightweight Directory Access Protocol
MDR .....	Meta Data Repository
MOU.....	Memorandum of Understanding (see below)
MQC .....	Maine Quality Choices Grant
ODBC.....	Open Database Connectivity
OLAP.....	On-line Analytical Processing
OLTP .....	On-line Transaction Processing
PE .....	Publishing Entity (see below)
RDBMS .....	Relational Database Management System
SE .....	Subscribing Entity (see below)
SQL.....	Structured Query Language
Y2K.....	Year 2000

## Clarification of Key Terms

These terms are offered for clarification and background. They are not intended to be legal definitions.

- Authentication..... The process of ensuring that an individual is a legitimate user of a system. Passwords are one way of authenticating a user.
- Authorization ..... The process of granting an individual user permission to access specific types of information within a system.
- Client Index ..... Client data that is minimally necessary to uniquely identify and locate a particular client. The client index is compiled and stored in the IDR to be used and reused as a reference or linking and deduplicating clients across Publishing Entities.
- Disclosure..... Under the Health Insurance Portability and Accountability Act (HIPAA) a disclosure is "the release, transfer, provision of access to, or divulging in any other manner of information outside the entity holding the information." Under the Family Educational Rights and Privacy Act (FERPA) a disclosure is to "permit access to or the release, transfer or other communication of personally identifiable information contained in education records to any party, by any means, including oral, written, or electronic means."
- IDA ..... Integrated Data Application (IDA) is software that provides a map to source data held by a Publishing Entity. IDA builds the map by linking common clients between Publishing Entities, producing an integrated index to Publishing Entities' source data. IDA will have a reusable and generic architecture permitting multiple Publishing Entities to link their data with other departments through a single interface, and permitting a Subscribing Entity to enter into a Memorandum of Understanding (MOU) with a Publishing Entity or Entities to access data through the IDA. IDA will not store (or warehouse) any data other than that held in the Integrated Data Repository (IDR).
- IDA Administrator ... The entity responsible for operating and maintaining the IDA, including the IDR.
- IDR ..... Integrated Data Repository (IDR). The IDR is a database within the IDA containing multiple types of data, including:
- Data Source Meta Data (includes description of the data source and source location, etc. and transformation data and rules, used to control the conversion of the source data to the integrated data in IDA standard form)

- Core Data Set, which includes the Client Index and the Common Data Set (e.g., historical data for services provided, cost of services)
- Security Data: Data required to control access to core data according to publisher and usage agreement (MOU) requirements (including access rights, usage guidelines, including permissible uses, expiration policies, reporting policies, etc., individual disclosure authorizations associated with specific MOUs)

MOU ..... Memorandum of Understanding (MOU). The usage agreement between the Subscribing Entity and the Publishing Entity in the IDA, including conditions for exchange of information and rules for permitted access and use. A portion of the MOU will be incorporated into IDA; a portion of the MOU will be enforced between the Publishing Entity and the Subscribing Entity.

PE ..... The Publishing Entity (PE) is the department or agency within a department contributing data to IDA. There will be multiple Publishing Entities. The Publishing Entity will be responsible for managing the publication of data and will have total control over what data is made available to IDA and under what conditions.

SE ..... The Subscribing Entity (SE) is the department or agency within a department accessing data through IDA. There will be multiple Subscribing Entities. Subscribing Entities will be authenticated and authorized under an MOU with a Publishing Entity.