

Government Accounting Consolidation System (GACS)

About GACS v2.1

1. Introduction

GACS 2016 November Update, or GACS Version 2.1 is a successor of earlier version GACS August 2015, or version 1.1 where mainly functionality designs, database structures, programming models and the user experience features—with a few exceptions— remain the same but is basing on GFS 2014. Version 1.1 was designed to use GFS 2001.

GACS Version 2.1 is the first major update of GACS that use GFS 2014 and IPSAS standard to captures the aggregate of all debits and credits balance at the end of an accounting period of the government institutions to provide the basis for making consolidated financial statements for the government as one entity.

2. The Project to Build a New Platform

GACS v2.1 has an application in which all or some parts of the software are downloaded from the Web each time it is run. It may refer to browser-based apps that run within the user's Web browser, or to "rich client" desktop apps that do not use a browser or to mobile apps that access the Web for additional information.

3. Great Performance

GACS Web Access has been enhanced to dramatically improve performance and usability. Better efficiency also means GACS can run on less expensive hardware. GACS shows good linear scalability from 1 user through 500 concurrent users.

4. System Requirements

GACS development is tied to two foundational technologies: Microsoft .NET Framework and Microsoft SQL Server. This allows a lot of flexibility for hosting and managing GACS because both .NET and SQL Server can run on small hardware. GACS configured through the following server applications:

- Windows Server 2008R2 and Windows Server 2012 operating systems (all editions)
- SQL Server 2008 R2 and SQL Server 2012 Databases (all editions)
- Apache Web Server

Required prerequisites include Microsoft .NET Framework 3.5, Internet Information Services, Windows Activation Services (WAS—HTTP and non-HTTP), TCP Port Sharing, and options required to support the desired security configuration. GACS v2.1 reports are rendered using Crystal Reports—Crystal Reports is designed to produce the report you want from SQL data source. Reports can be published in a variety of formats including Microsoft Word and Excel, E-mail and even PDF

5. About System Development Unit (SDU)

Unit that designs, develops, implements, and evaluates computer based information system within Accountant General's Department, Ministry of Finance and Planning. The Unit has developed more than 100 applications to address different issue or improve operations within Accountant General's Department.

6. About Consolidation Unit (CU)

Financial consolidation and reporting is core to the Consolidation Unit for Government Performance Management. Deliver timely and accurate financial consolidation and reporting that meets corporate external reporting requirements while also providing business unit operational relevance.