### Cabinet for Health and Family Services (CHFS) Standards:

**Category: 2000 Software Domain**

**[2400](#a023001) – Database Management Software**

**Definition:**

As per COT #2400:

Software that supports the storage, modification,processing, extraction, and search for information within a database.

**Approved Standard(s):**

CHFS has selected a subset of KITS development tools that match CHFS technology development skills along with additional tools required for Cabinet needs.

Enterprise and Workgroup Database Servers

* Microsoft SQL Server
* Mainframe IMS Database for Legacy Mainframe Applications

Database Management Tools

* Microsoft SQL Server Management Studio

Database Performance Monitoring Tools

* Lumigent Log Explorer for SQL Server
* DynaTrace
* Idera
* SCOM

**Justification/Comments:**

As per COT #2400:

*The ability to access, analyze and transfer information quickly and securely across a variety of networks and protocols is becoming increasingly important in today’s government environment. The information system industry’s traditional hierarchical, proprietary database products lack the necessary underlying technology to meet these new demands.*

Since CHFS predominantly is a Microsoft software development shop for non cloud initiatives with exception of legacy Mainframe applications, Microsoft SQL Server has become the tool set of choice for COT hosted applications.

**Exceptions:**

Any exceptions to this standard must follow the procedures established in CHFS IT Policy #070.203.

**Review Cycle:**

Annually

**Timeline:**

Last reviewed: 9/11/23

Next review: 4/1/24

**Cross Reference**

* COT Standard #[2400](file:///C%3A/Documents%20and%20Settings/dean.sechrest/Desktop/2400DatabaseManagementSoftwareStandard.doc#a023001) – Database Management Software
* CHFS Standard #8100 – Application Development Methodology and Software

**Link to all COT Software Domain Standards:**

[KITS\_Report.pdf (ky.gov)](https://cgp.ky.gov/sites/COTPUBDOCS/Standards/KITS_Report.pdf)

**Link to all CHFS IT Standards:**

[CHFS IT Standards - Cabinet for Health and Family Services (ky.gov)](https://chfs.ky.gov/agencies/os/oats/Pages/itstandards.aspx)

**Link to all CHFS IT Policies:**

[CHFS IT Policies - Cabinet for Health and Family Services (ky.gov)](https://chfs.ky.gov/agencies/os/oats/Pages/ITpolicies.aspx)