

The Potomac Application Framework® has a number of toolsets that are used to support the modernization effort.

Server Environment Toolsets:

**Automated Data Import Tool**

The **Automated Data Import Tool** accepts the COBOL layout as input, imports that data as records, and exposes the data for class methods to manipulate. The tool will also allow the methods to create records to be exported in the COBOL layout. This tool allows for the change to be transparent to any outside entities transmitting or receiving data from the modernized code.

**Code Generation Toolset**

The **Code Generation Toolset** automates the creation of the data access layer classes and methods for uniform best practices in the code environment.

**Data Conversion Toolset**

The **Data Conversion Toolset** loads the legacy data into the relational databases.

Mainframe Toolsets:

**Job Toolset**

The **Job Toolset** analyzes job control files, producing cross-references of jobs, programs, and files used. These tools also produce basic function point analysis of the jobs providing a baseline of system complexity.

**Legacy Database Toolset**

The **Legacy Database Toolset** analyzes and assists in converting a legacy database to a relational database. The first program in this toolset, Database Analyzer, parses the database schema and produces a dictionary defining the database structure. The Database Unload Program Generator generates COBOL programs to unload data from the database into flat files that can be loaded into a relational database using the **Data Conversion Toolset**.

**COBOL toolset**

The **COBOL Toolset** analyzes the COBOL program inventory providing reports that include: copy file references, file usage, system calls, and database usage. This toolset also provides a function point analysis of the programs.