

Amgraf's OneForm Manager Lite Software

AMGRAF SOFTWARE OPTION
ONEFORM PRODUCT FAMILY

Smart organizations can easily deploy HTML and/or PDF electronic forms with Amgraf's free OneForm™ Manager Lite (OML) software. OML catalogs HTML and PDF e-forms by classification and date, and provides an efficient method to distribute, organize, and manage hundreds of different electronic forms within an enterprise setting. OML-compatible electronic forms can be created in minutes with Amgraf's OneForm Designer Plus forms design package. Through OML, users can keep a secure local copy of every electronic form they fill out. When desired, users can locally open, update, and submit filled forms to Internet servers for centralized data collection.

OML combines a personal web page server with a forms file manager, and runs on a Windows client computer. Within OML, new unfilled e-forms are saved as *containers* for data, while *form fill data files* are separately stored as XML-tagged text. When a user exits after filling-in an e-form, the e-form field data is automatically extracted, optionally encrypted, and locally stored. When a user clicks to open a filled e-form, the empty base e-form is retrieved and dynamically merged with the selected fill data to display as a populated, fillable e-form.



The OML Button Submits Fill Data to a Personal Server

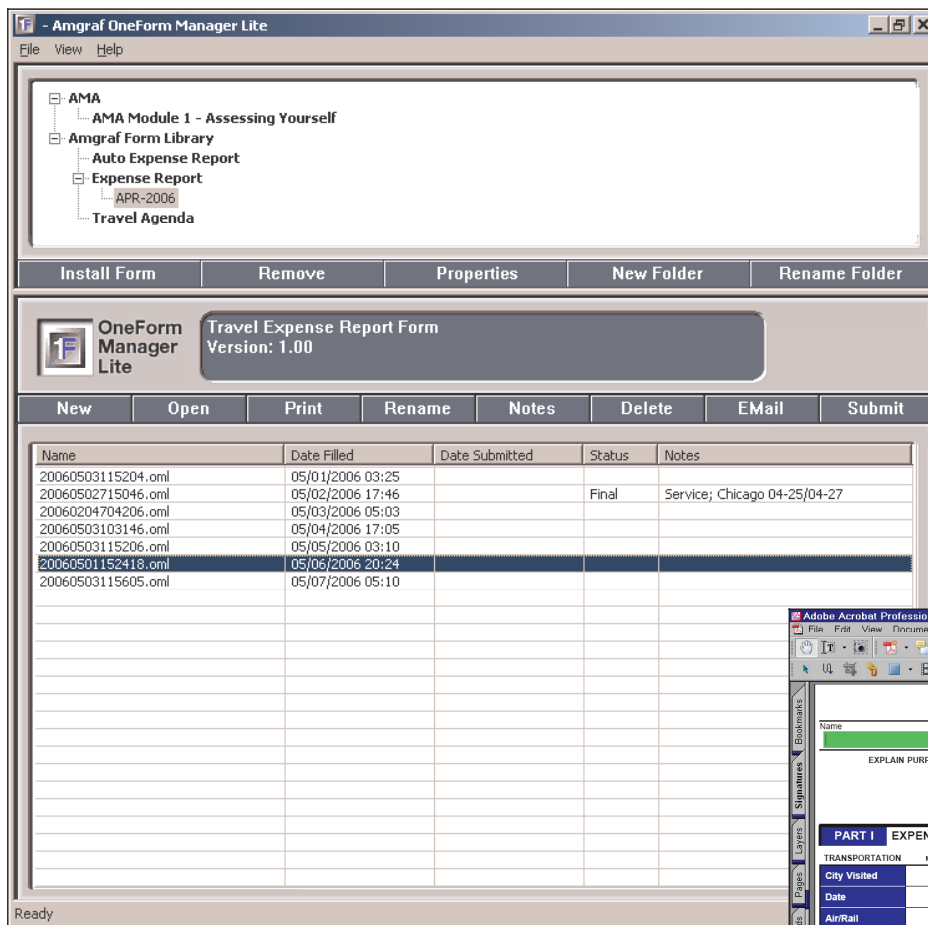
E-forms from many sources can be organized and cataloged by OML on an end-user's personal computer. OneForm Manager Lite is available free to end-users and can be downloaded by going to Amgraf's web site www.amgraf.com. Amgraf also allows customers to re-brand and redistribute OML under certain conditions. Please contact an Amgraf representative for details.

OML is the perfect e-forms management companion to other browser-based reader, viewer, and player programs.

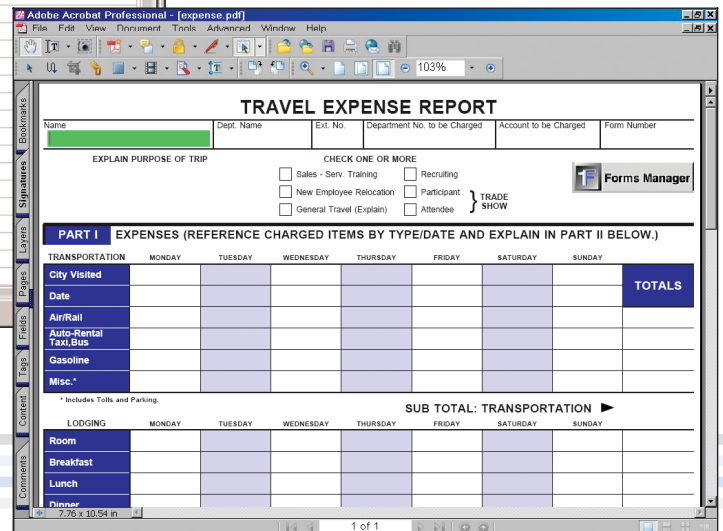
Find, Open, and Print E-forms with Ease

The OML interface consists of two windows. The top window shows the list of e-forms installed on the OML user's PC, and the bottom window shows all instances of a particular filled and/or submitted e-form. To open an empty e-form, the user locates the desired form from the top list, and clicks the "New Form" button. To open a previously filled e-form, the user selects the fill file name from the bottom list, and clicks the "Open File" button. E-forms are typically filled as HTML documents, then printed and e-mailed as PDF documents.

OML e-forms behave exactly as they would if opened from a web site. The e-form is filled out by keying data into the fill-fields, and closed by clicking the OML Save Form button.



The OML User Interface Shows a List of Ready-to-Open Electronic Forms and Fill Files



A New Fillable PDF Form is Opened

OneForm Manager Lite Technical Details

OneForm Manager Lite consists of a lightweight "HTTP Listener" program, based on the popular Apache web server. When OML is started, an unused communications port is allocated at the localhost loopback address, and the *listener* then waits for data. The OML user finds and opens e-forms through the OML graphical interface. On each e-form, there is an OML Button that is effectively a "Submit Data" button. When clicked, the name/value pairs from the fill-fields are encrypted and passed to the *listener*, along with the fill file name. The encryption key is computed from characteristics that are unique to each specific e-form. This prevents the OML button from being reused on any other form, and the OML button fails to work if the e-form has been altered in any way, other than by the form originator using OneForm Designer Plus.

OneForm Designer Plus for Forms Design

Amgraf's OneForm™ Designer Plus is the ideal e-forms design environment for developing fillable HTML and/or PDF forms. New forms can be composed from a blank page, and existing PDF forms can be imported and edited. When a form is created or imported into OneForm Designer Plus, it can be given OML properties by using the Form Preferences/Meta Data panel. Within this panel, the form is assigned a Globally Unique Identifier (GUID), and given a Classification and Version Number. Forms are also given a Name, Number, Description, Category, and Department. In addition, keywords that are useful to help find the form can be assigned.

OneForm Designer Plus – Forms Meta Data Input Panel

E-Forms can be Deployed via CD's, Flash Drives, E-mail, and the Internet

OML Users can Download E-Forms from Multiple Web Sites

Automated E-Forms Distribution via the Internet

After choosing the source for installing new e-forms, the end-user simply selects the desired e-form(s) from the enterprise server's Form Distribution page then clicks the Install button. E-form installation is immediate and seamless, and upon completion, OML's list of available e-forms is updated and ready to use.

You can download your free copy of OML today by going to Amgraf's web site at www.amgraf.com/pages/omlinfo.html.



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Next, the OML button is placed onto the form. The form is generated and saved as a fillable HTML and/or a fillable PDF. When both e-forms formats are created, they can be used interchangeably. The resultant e-forms are ready to distribute on CD's, or via the Internet, so that they can be installed and managed with OML on an end-user's PC.

Getting Started with OneForm Manager Lite

The first step is to install the OneForm Manager Lite software on a client PC. OML is published as a downloadable setup file that self-installs on a Windows 2000/XP PC within a few minutes. This step should only need to be performed one time. Once OML is loaded on the PC, any OML-compatible form from any source will be usable.

Because the end-user must first install OML on his/her personal computer to take advantage of OML-compatible forms, the ideal situation is for clients to become aware of OML through a proactive effort by the forms originator. After OML is installed, it can be launched through a standard Windows desktop icon, and the end-user can then download the forms to be managed, and insert them into his/her personal forms catalog.

Installing New E-forms on the Client PC

E-form installation is easy. The OML client simply clicks the "Install Form" button and selects the *Install from Web* or *Browse for Location* option.

The *Install from Web* option presents a drop-down list of e-forms servers known to the client. Typically, the e-form server list will have the client organization's enterprise server name as the first choice. Other server names are automatically added as they become available to the client through e-mail notices or web browsing to other e-forms sites.

OneForm Manager Lite Streamlines E-Forms Distribution

