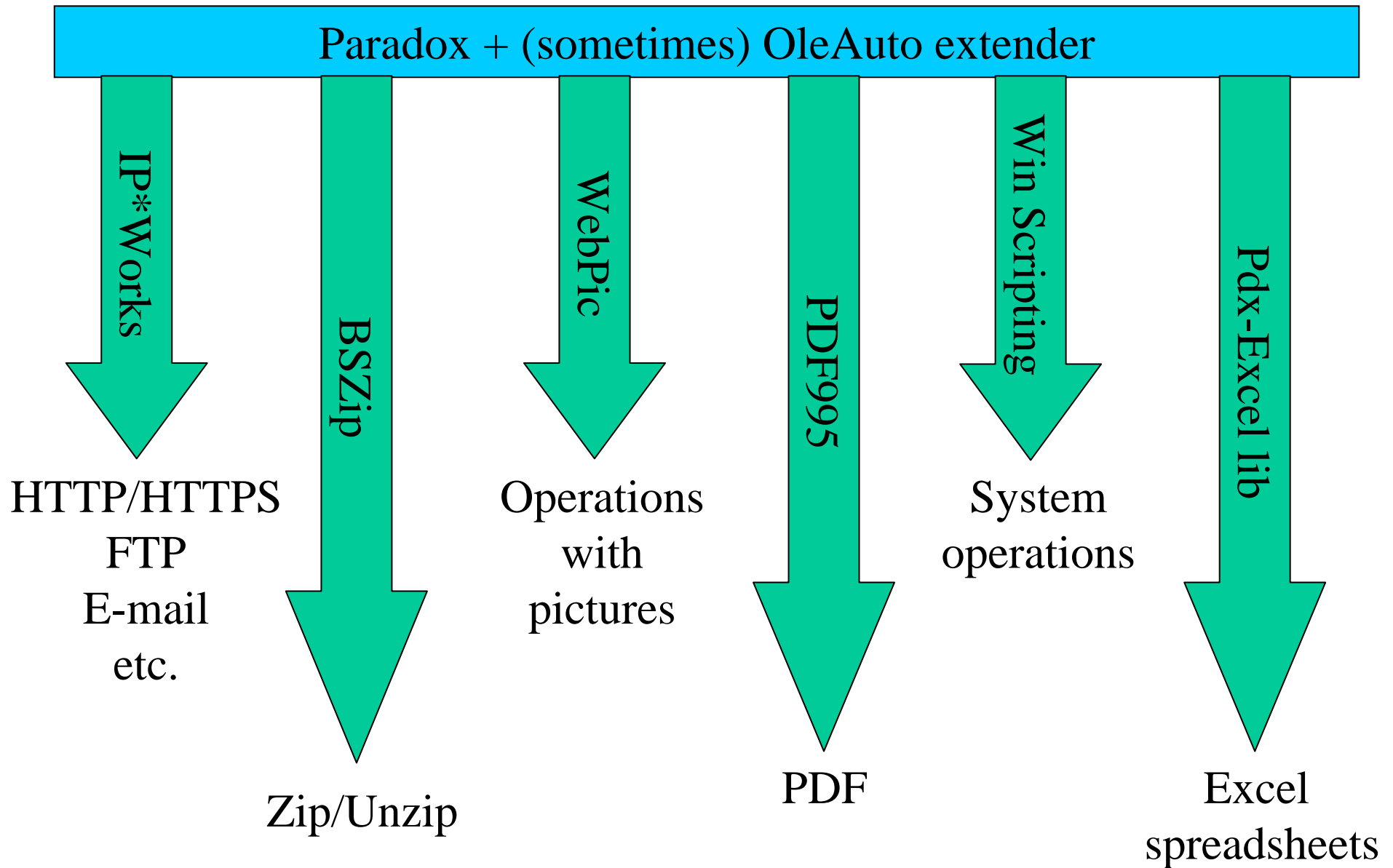


*Using third-party tools to
enhance Paradox functionality*





IP*Works!/IP*Works! SSL ActiveX

<http://www.nsoftware.com>

IP*Works! - \$399

IP*Works! SSL - \$899

HTTP
WebForms
WebUpload

FTP

Ping

NetDial

POP

SMTP

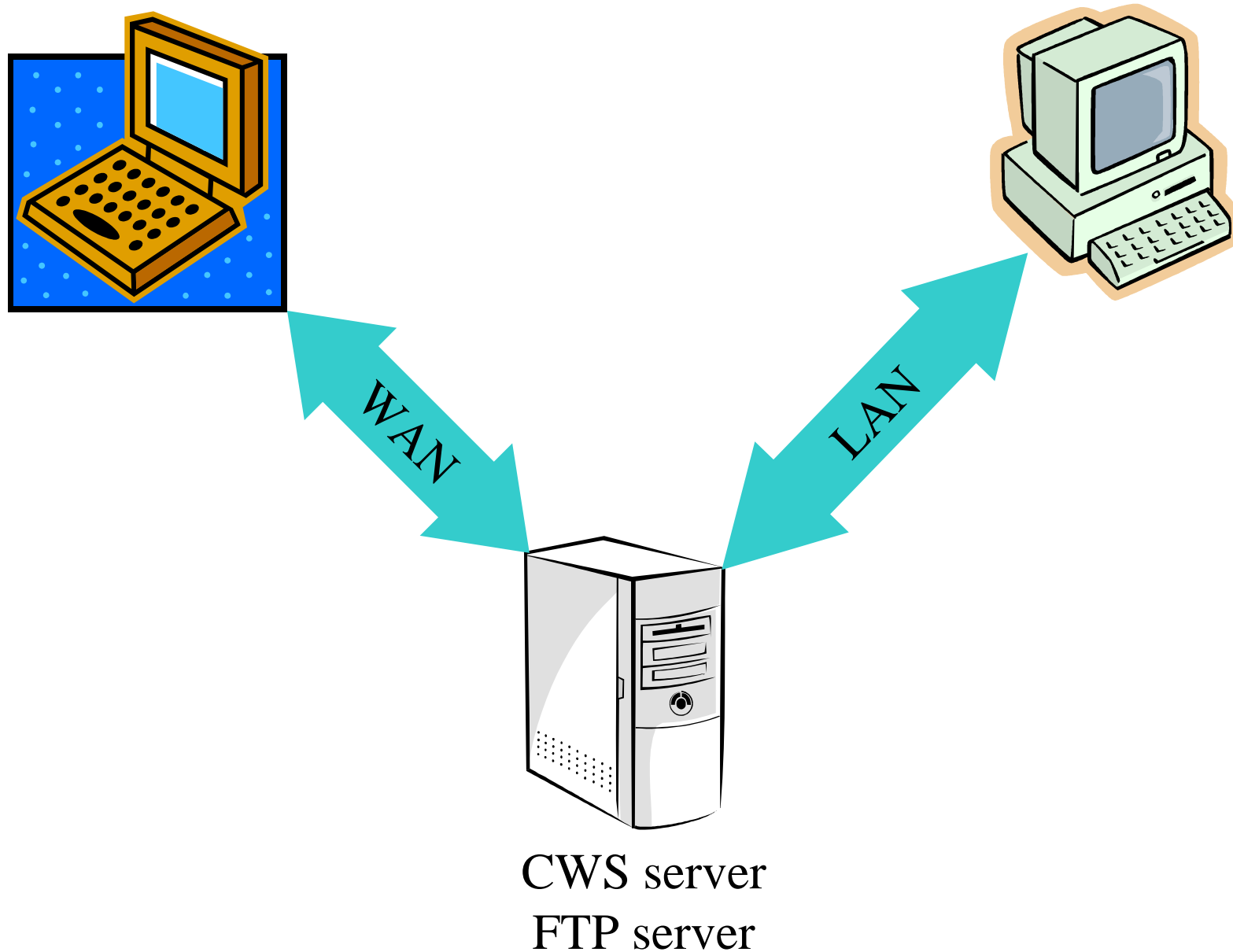
FileMailer

HTMLMailer

NNTP

IPinfo

IP*Works!/IP*Works! SSL ActiveX

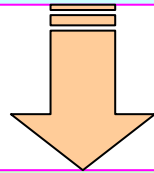


IP*Works!/IP*Works! SSL ActiveX

Interaction with CWS

Normal requests to the server

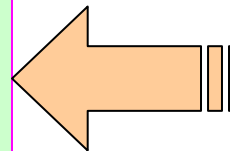
- Client sends request to the CWS server using IP*Works WebForms.



- CWS server parses and processes request. The result may be returned as a string or file. If it's needed to transfer a set of files, they should be zipped in a single archive.
- Client receives response and parses it.

Uploading files to the server

- Client sends all necessary files to FTP server using IP*Works FTP. FTP server puts these files to a shared with CWS folder. We use BulletProof FTP server (<http://www.bpftpserver.com> \$35).
- Client sends request to the CWS server using IP*Works WebForms. Uploaded file name is provided in this request.



BSZip

<http://www.bigspeed.net>

Big Speed Zip DLL - \$65

BSZip allows to create ZIP-archives, to extract files from them, to perform other operations with archives

Uses bszip

zOpenZipFile(zipfilename CPTR) CLONG [stdcall]

zCloseZipFile() CLONG [stdcall]

**zExtractAll(ExtractDirectory CPTR, Password CPTR, OverwriteExisting CLONG,
SkipOlder CLONG, UseFolders CLONG, TestOnly CLONG,
RTInfoFunc CLONG) CLONG [stdcall]**

zCreateNewZip(ZipFileName CPTR) CLONG [stdcall]

zOrderFile(FileName CPTR, StoredName CPTR, UpdateMode CLONG) CLONG [stdcall]

**zCompressFiles(TempDir CPTR, Password CPTR, CompressionMethod CLONG,
ResetArchiveAttribute CLONG, SpanSize CLONG, Comment CPTR,
RTInfoFunc CLONG) CLONG [stdcall]**

endUses

WebPic

<http://www.softuarium.com>

WebPic 2.0 - \$30

WebPic is an ActiveX control for opening, processing, and saving image files in popular formats.

Following functions are supported: clipboard copy and paste, cropping, flipping, grayscale and black and white conversion, resizing, and rotating.

WebPic reads following formats: bmp, dib, rle, wbmp, gif, ico, jpg, jpeg, pcd, emf, wmf, png, tga, targa, tif, tiff, and pcx.

WebPic writes following formats: bmp, wbmp, gif, jpg, emf, png, tga, and tif.

PDF995

<http://www.pdf995.com>

PDF995 - \$10

PDF995 is a printer driver, which allows to print to PDF-file.

Windows scripting (Windows component)

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/script56/html/wsorimethods.asp>

Windows scripting allows:

- Obtaining network drives list with full UNC paths
- Map/remove network drives
- Obtaining network printers list with full UNC paths
- Add/remove network printers
- Obtain paths for Windows special folders
- Create shortcuts
- Other functions

Free OPAL interface library with source available at:

<http://cust.east.ru/~menkin/>

Excel

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/vbaxl10/html/xltocObjectModelApplication.asp>

Using OleAuto mechanism it's easy enough to work with Excel using OPAL

Free Paradox-Excel interface library with source available at:

<http://cust.east.ru/~menkin/>