**SYSTEM REQUIREMENTS**

1. **Clients must be running Lawson System Foundation v9 or v10 on UNIX or WINDOWS based architectures. Sorry I-SERIES/AS400 is not supported.**
2. **For LAPAGE v3.0 on UNIX, SENDMAIL must be installed, configured, and tested BEFORE installation begins.  
     
   For LAPAGE v3.0 on WINDOWS, SMTPMAIL must be installed, configured, and tested BEFORE installation begins.**
3. **System code ZZ is reserved for all MTC products. Sorry, if you’re using system code ZZ currently, either you’ll need to move those custom programs or choose not to install MTC products.**
4. **MTC Products are PRODUCTLINE installed. MTC Products MUST be installed in all PRODUCTLINES for a given environment.**
5. **Installation with your standard LAWSON user account.**
6. **Downtime. The ability to perform blddbdict, dbreorg, cobcmp and other administrative commands within a downtime window.**
7. **The INSTALLER needs to be a LAWSON/INFOR SOFTWARE Systems Administrator with at least 5 years of experience.**

**INSTALLATION**

1. **PREPARE**
   1. **Backup everything! Do NOT proceed with ANY installation, unless you have the ability to rollback to a given point-in-time.**
   2. **If you haven’t already downloaded the MTC zip, do so …** [**http://www.midtechcorp.com/download/mtc.zip**](http://www.midtechcorp.com/download/mtc.zip) **… the extract password is Infor2016**
   3. **UNIX: modify /etc/lawson.env, add your hostname (uname –n):** *(e.g.)* Set MTC\_HOSTNAME mtcrhel  
        
      **WINDOWS: set ENVIRONMENT VARIABLE, add your hostname (uname –n):** *(e.g.)* MTC\_HOSTNAME mtcrhel  
       ***\* NOTE1: if you are HORIZONTALLY CLUSTERED (multiple machines), set MTC\_HOSTNAME to be the same value on ALL MACHINES.  
        
      \* NOTE2: you must recycle your server or Lawson environment after making these changes***
   4. **For each PRODUCTLINE in your ENVIRONMENT, make sure there are NO OUTSTANDING database changes. If there are outstanding database changes, address them first before moving on with the installation.** blddbdict <pl>  
       dbreorg –lc <pl>
   5. **Extract the mtc.zip file into a temporary directory.**
   6. **mkdir –p $LAWDIR/<pl>/zzsrc (for each productline)**
2. **INSTALLATION**
   1. **cd <extract\_dir>**
   2. **cd ALL**
   3. **for each productline within your environment:**
      1. **metaloadsys <pl> ZZ.sys**
      2. **metaloadelm <pl> ZZ.elm**
      3. **metaloadskn <pl> ZZ.skn**
      4. **loadhelp <pl> ZZ.HELP.dmp**
   4. **cd <extract\_dir>**
   5. **cd LAPAGE**
   6. **for each productline within your environment:**
      1. **metaloadtbl <pl> \*.tbl**
      2. **metaloadpgm <pl> \*.pgm**
      3. **metaloadmsg <pl> \*.msg**
      4. **metaloadwrk <pl> \*.wrk**
      5. **cp ZZ\*PD to LAWDIR/<pl>/zzsrc**
      6. **cp ZZ\*WS to LAWDIR/<pl>/zzsrc**
      7. **cp ZZ\*.scr to LAWDIR/<pl>/zzsrc**
      8. **cp ZZ\*.rpt to LAWDIR/<pl>/zzsrc**
      9. **UNIX: cd INT/UNIX; cob –vuP \*.int  
         WIN: *<they come pre-compiled>***
      10. **cp \*.gnt LAWDIR/<pl>/zzsrc**
   7. **cd <extract\_dir>**
   8. **cd LALOG**
   9. **for each productline within your environment:**
      1. **metaloadtbl <pl> \*.tbl**
      2. **metaloadpgm <pl> \*.pgm**
      3. **metaloadmsg <pl> \*.msg**
      4. **metaloadwrk <pl> \*.wrk**
      5. **cp ZZ\*PD to LAWDIR/<pl>/zzsrc**
      6. **cp ZZ\*WS to LAWDIR/<pl>/zzsrc**
      7. **cp ZZ\*.scr to LAWDIR/<pl>/zzsrc**
      8. **cp ZZ\*.rpt to LAWDIR/<pl>/zzsrc**
      9. **UNIX: cd INT/UNIX; cob –vuP \*.int  
         WIN: *<they come pre-compiled>***
      10. **cp \*.gnt LAWDIR/<pl>/zzsrc**
   10. **cd <extract\_dir>**
   11. **cd LALOCK**
   12. **for each productline within your environment:**
       1. **metaloadtbl <pl> \*.tbl**
       2. **metaloadpgm <pl> \*.pgm**
       3. **metaloadmsg <pl> \*.msg**
       4. **metaloadwrk <pl> \*.wrk**
       5. **cp ZZ\*PD to LAWDIR/<pl>/zzsrc**
       6. **cp ZZ\*WS to LAWDIR/<pl>/zzsrc**
       7. **cp ZZ\*.scr to LAWDIR/<pl>/zzsrc**
       8. **cp ZZ\*.rpt to LAWDIR/<pl>/zzsrc**
       9. **UNIX: cd INT/UNIX; cob –vuP \*.int  
          WIN: *<they come pre-compiled>***
       10. **cp \*.gnt LAWDIR/<pl>/zzsrc**
   13. **blddbdict <pl>**
   14. **dbreorg <pl>**
   15. **dbcreate <pl>**
   16. **cobcmp <pl> zz**
   17. **validate all programs in zzsrc compiled successfully. DO NOT PROCEED UNTIL ALL PROGRAMS HAVE COMPILED SUCCESSFULLY!**
3. **INTEGRATION**
   1. **cd <extract\_dir>**
   2. **cd ALL**
   3. **backup then integrate CRTRTNS.mtcdemo with your LAWDIR/pdlib/CRTRTNS**
   4. **backup then BEGIN1.mtcdemo with your LAWDIR/wslib/BEGIN1**
   5. **backup then BEGIN17.mtcdemo with your LAWDIR/wslib/BEGIN17**
   6. **backup then BEGIN2.mtcdemo with your LAWDIR/wslib/BEGIN2**
   7. **backup then integrate lawsh.t.mtcdemo.infor with your GENDIR/template/lawsh.t**
   8. **select compile several online and batch applications**
   9. **make sure they compile successfully**
   10. **test those programs to make sure your integration was proper … these programs should NOT crash**
   11. **if everything looks good, recompile all productlines within your environment (cobcmp –B <pl>)**
4. **SCREEN SETUP**
   1. **For each product, email us (thomas.francen@outlook.com) for a license code. Include the following:**
      1. **Your Lawson CLIENT ID**
      2. **Your MTC\_HOSTNAME value**
      3. **The Products you’ve installed**
   2. **LAPAGE Setup Screens**
      1. **ZZ01.1 – LAPAGE Admin Utility**
   3. **LALOG Setup Screens**
      1. **ZZ03.1 – LALOG Admin Utility**
   4. **LALOCK Setup Screens**
      1. **ZZ13.1 – LALOCK Admin Utility**
5. **USER AND ADMINISTRATIVE MANUALS**
   1. **LAPAGE –** [**http://www.midtechcorp.com/download/mtc\_LAPAGE\_Manual.pdf**](http://www.midtechcorp.com/download/mtc_LAPAGE_Manual.pdf)
   2. **LALOG –** [**http://www.midtechcorp.com/download/mtc\_LALOG\_Manual.pdf**](http://www.midtechcorp.com/download/mtc_LALOG_Manual.pdf)
   3. **LALOCK – http://www.midtechcorp.com/download/mtc\_LALOCK\_Manual.pdf**