

# Reasons Why You Will Use ARRIS++

- Novice Users
  - Consistent interface more predictable and easier to learn
  - Detailed on-line help and full user's manual available
  - Improved command prompts and messages
- Standard Users
  - Many more commands immediately at your fingertips
  - Much easier to customize to individual requirements
  - A variety of new drawing tools and options available
- Power Users
  - Significantly improved menu compiler
  - Macro recording and playback tools
  - Integrates easily with custom office SIGMAC applications

# Overview of Menu Improvements

- Merged Draw and Architect modules into one menu
- Standardized command locations for predictability
- 7 customizable toolbars; 40-160 active commands
- Full set of main and overwrite FLYOUT menus
- Right-click commands predictable & customizable
- Left-click single edits; Right-click area-in edits
- Unified TOOLS, EDIT, SETUP, COMMAND, SELECT & CATALOG
- Detailed on-line help available
- Full integration with Expert Infocad's ARRISplus

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# Important Menu Details

- Main Menu
  - Full integration of Draw and Architect functions
  - Better and more consistent organization of tools
  - Allows an additional concurrent active plug-in
  - Supports additional tool kits
  - Supports custom user applications
- Details, 3D and Site Menus
  - Tool availability and placement identical on all menus
  - Icons replace words as tool identifiers
- Labels and Markers Menu
  - Use the flyout menu Luke!

# Important Menu Details

- **DESKTOP Menu**
  - Save drawing indicator light
  - Special entity filters indicator light
  - Layer retain mode indicator light
  - Enhanced RECENT DOCUMENTS menus
  - Select by Project – Select by File mode toggle button
  - Improved layer information display
- **EDIT/COPY Menus**
  - Improved SCALE and ROTATION LC & RC prompt options
  - Added CW/CCW button to the EDIT menu
  - Right-click on MOVE SCL/ROT executes alternate method

# Important Menu Details

- **TOOLBAR Menu**
  - New Z-HGT, CAPS and T-BAR buttons
  - Seven toolbar styles with twice the number of commands
  - Toolbar database with 900 assignable commands
  - Improved SELECT menu entity placement on toolbar
- **COLOR menu**
  - Expanded color selection menu with color numbers
  - Custom colormaps included
- **CUSTOMIZATION Menu**
  - ARRIS++ Option Customizations
  - Integration with ARRISplus from Expert InfoCAD

# Important Menu Details

## ■ Repeated Items Menu

- RI image display added to status menu
- Improved RI scale prompt with mirroring options
- Automatic reset of new RI scale and rotation
- RI origin offsets display in red when set
- Added RI Rotation and rotation increments
- RI placement offset with signal light and toggle
- Improved attribute placement control

## ■ Line & Curves Menus

- Added many tools from sub-menus
- Enhanced polygon placement routine

# Important Menu Details

- **Openings Menu**
  - The door and window menus were consolidated
- **Text Menu**
  - Supports spell checking if ARRISplus is installed
- **Dimension Menu**
  - Leader line supports dimensioning (optional)
  - Manual dimensioning supports user-defined notations
- **Raster Menu**
  - Buttons to generate PDF output directly

# Important Menu Details

## ■ Notes Menu

- Completely reworked with significant improvements
- New expanded status bar with many new features
- Previous note feature

## ■ Patterns Menu

- Huge number of enhancements
- Stores separate params. for line, RI & solid patterns
- Remembers last 6 pattern styles used
- Enhanced pattern scaling & rotation options
- New INSERT POINT command

# New Menu

- **Reports Menu**
  - New menu offers all reporting tools in one place
- **Electrical Branch Menu**
  - New overwrite menu with status menu info.
- **Points Menu**
  - New application to manage point symbols
- **ARRIS++ Tools Menu**
  - New menu for access to new ARRIS++ tools
- **User Application Menu**
  - New interface for custom application menus

# My Favorite Features

- The 40 button, 80 command toolbar
- Enhanced RECENT DOCUMENTS menu
- Viewport border outlines
- Revision cloud routine
- Break-Line routine
- C-Pen system
- Revised QUERY DISTANCE menu
- The SET MARK and UNDO TO MARK buttons
- Work points
- Bug Fixes!

# My Favorite Commands

- Layer mode commands:                   :ll       :l[0-9]       :ls[0-9]
- View mode commands:                   :vv       :v[0-9]       :s[0-9]
- Winport commands:                    :ww       :ww#       :wws[0-9]
- Work angle commands:                 :wa       :wa##       :wa[ablnp]
- Indirect reference point cmd:        :kk
- Wall line display command:           :pp
- Layer color mode commands:           :cl       :cl[0-9]
- New & double reference points:       :nn       :dd
- Sequential layer display:             :ldw     :ldd        :ld[acn]
- Sequential pen display:              :pdp     :pd#        :pc

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