



Session: 406172 / 52CB

@server iSeries

PC5250 Display Emulation Everything You Need To Know

Mark Vanderwiel
iSeries Access Development

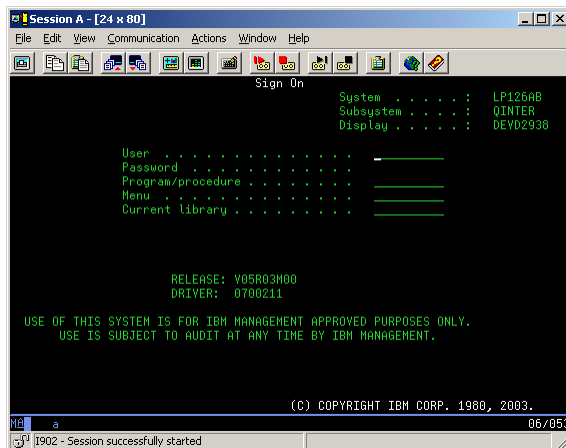
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5250 Emulation Overview

Functions

- 5250 Telnet emulation
- iSeries Print emulation
- Customizable
 - Toolbar
 - Keyboard
 - Colors
 - KeyPad
 - More!





Session A - iSeriesVSR3.ws

File Edit View Communication Actions Window Help

PrintScreen Copy Paste Send Recv Display Color Map Record Stop Play Quit Clipbrd Support Index

Sign On

System : LP126AB
Subsystem : QINTER
Display : DEV02938

User :
Password :
Program/procedure :
Menu :
Current library :

RELEASE: V05R03M00
DRIVER: 0700211

USE OF THIS SYSTEM IS FOR IBM MANAGEMENT APPROVED PURPOSES ONLY.
USE IS SUBJECT TO AUDIT AT ANY TIME BY IBM MANAGEMENT.

CPF1296 - Sign-on information required.

06/053

The cursor is on row 6, column 53.
Input is not inhibited.
Insert Mode is off.
Caps Lock is off. 3270 Numeric Lock is off.

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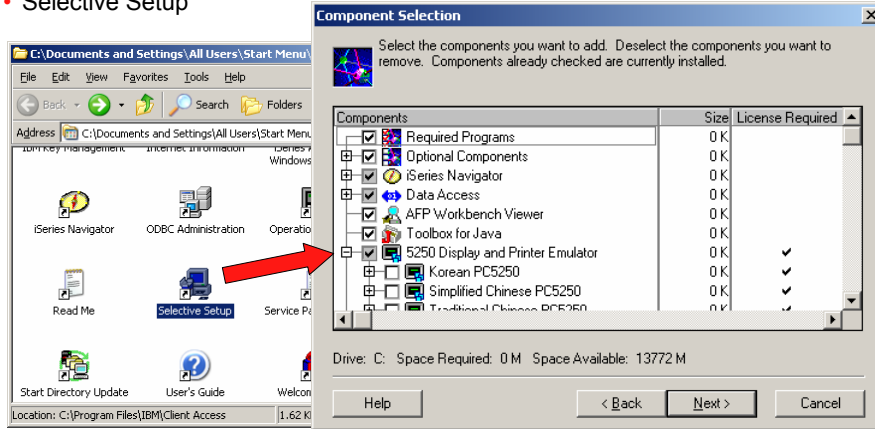
Getting Started

- Install
- Ways to start PC5250
 - Session Manager
 - iNavigator
 - Desktop Icon
 - Run pcsws.exe
 - Start *.ws



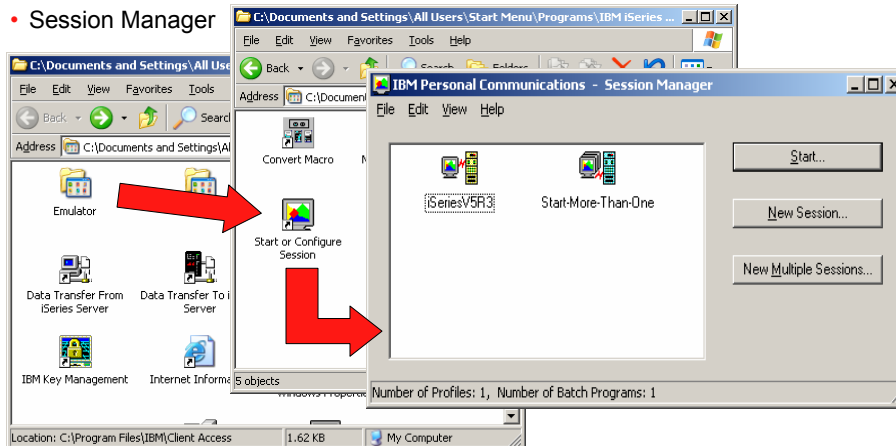
Installing PC5250

- Selective Setup



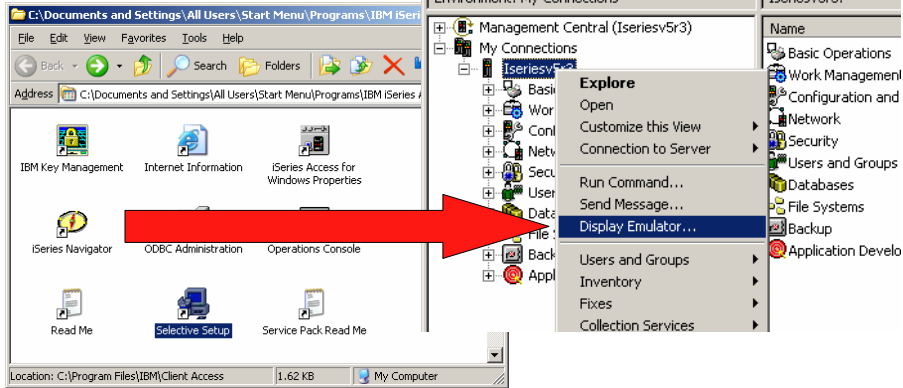
Ways to start PC5250

- Session Manager



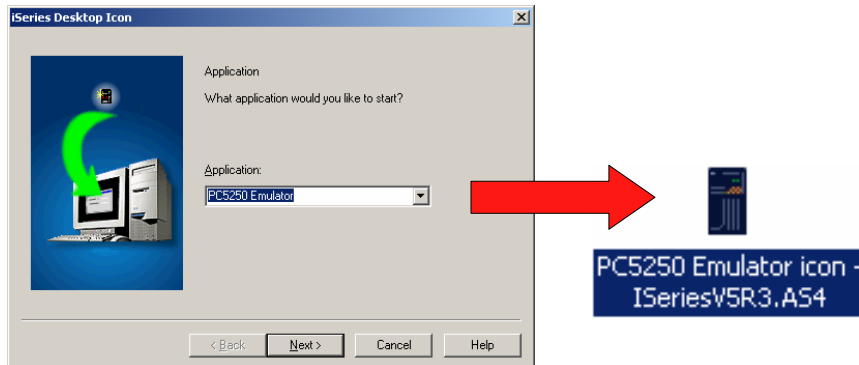
Ways to start PC5250

- iNavigator



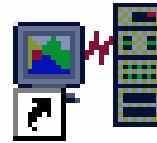
Ways to start PC5250

- Desktop Icons
 - New -> iSeries Desktop Icon



Ways to start PC5250

- Launch the program directly
 - Start -> Run -> PCSWS.EXE
- Launch a *.WS profile
 - Start ->Run ->Browse to profile-> iSeriesV5R3.WS
- Create your own shortcuts
 - Drag-n-Drop from Session manager
 - New -> Shortcut



iSeriesV5R3

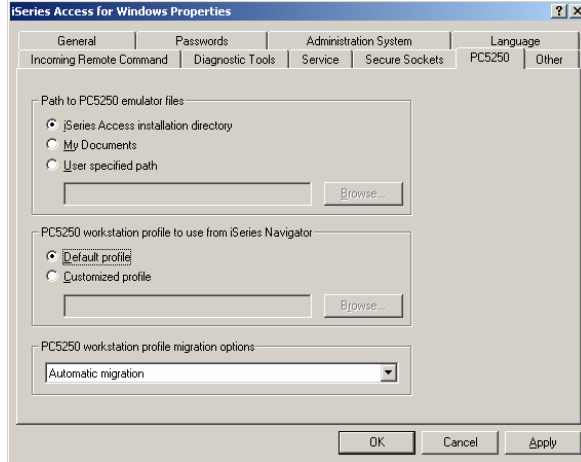
Session Profiles

- What are they?
 - Files with PC5250 configuration information:
 - Single session .WS
 - Multiple sessions .BCH
 - Other PC5250 configuration file extensions:
 - Toolbar: .BAR
 - Popup-Keypad: .PMP
 - Macro: .MAC
 - Keyboard: .KMP
 - Mouse Pad: .MPP

```
[Profile]
ID=WS
Version=7
[CT]
trace=Y
[Telnet5250]
HostName=ISERIESV5R3
Security=CA400
SSLClientAuthentication=Y
[Communication]
Link=telnet5250
Session=5250
[5250]
HostCodePage=037-U
PrinterType=IBM3812
[Keyboard]
CuaKeyboard=2
Language=United-States
IBMDefaultKeyboard=N
```

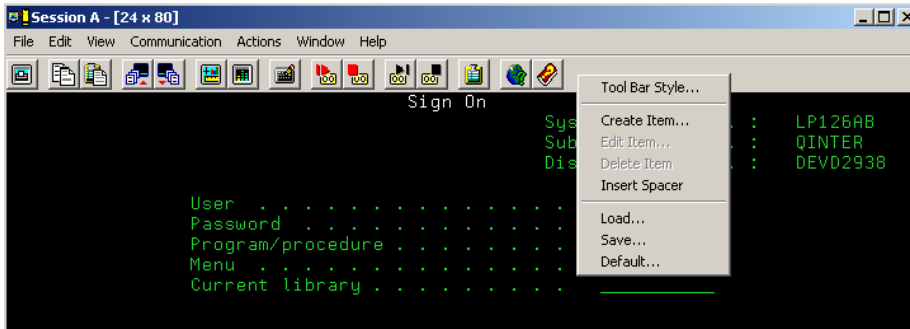
Session Profiles

- Where are they?
 - iSeries Access Properties in Control Panel
- Network paths
 - Multi-user sharing
 - Templates
- Migration
 - Default will handle most cases



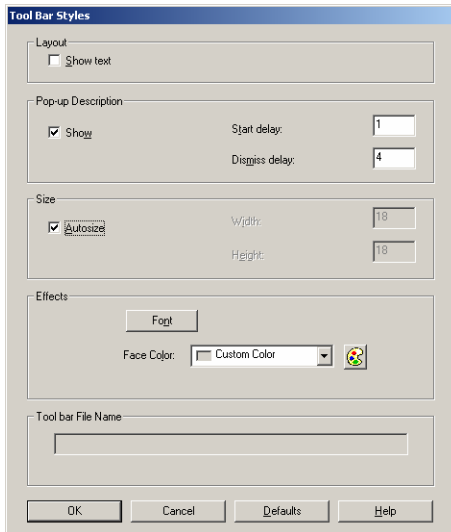
Toolbars

- Right click to customize



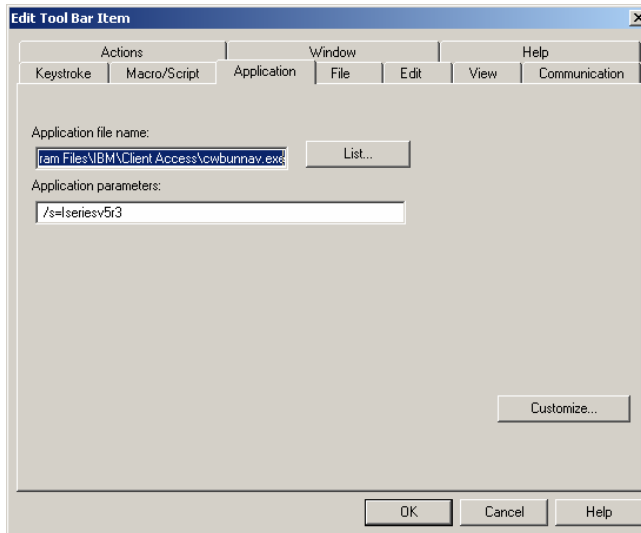
Toolbars

- Styles



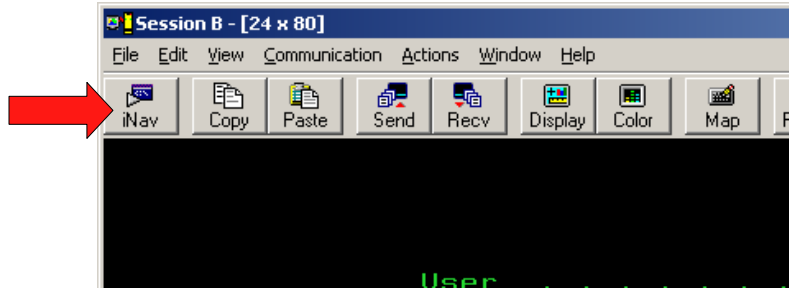
Toolbars

- Add item
 - Application
 - Key Action
 - Menu Action
 - Macro



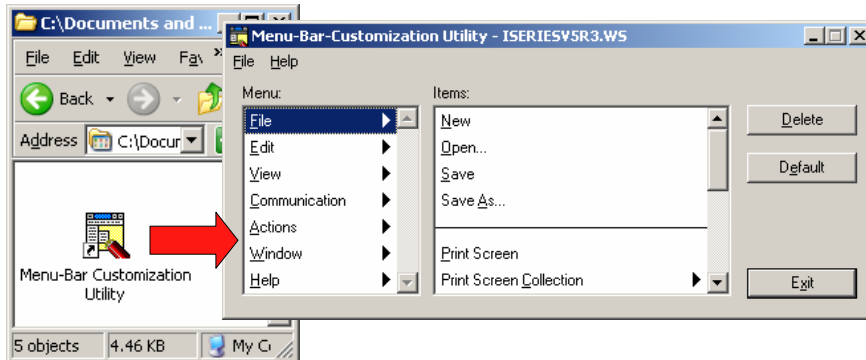
Toolbars

- Launch Application



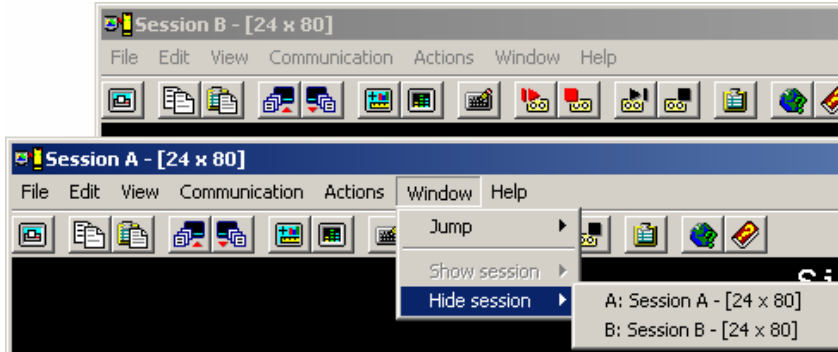
Menu Bar

- Remove unneeded menu items



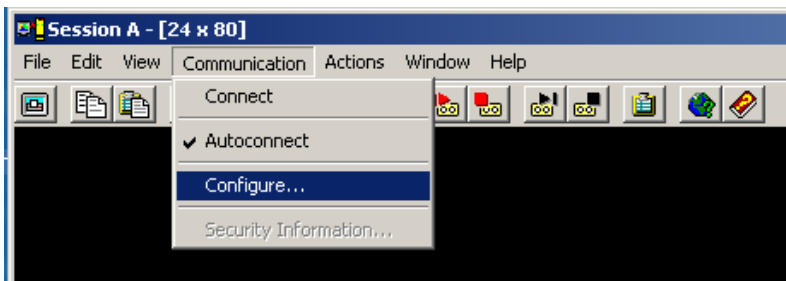
Session Control

- Session hiding/jumping



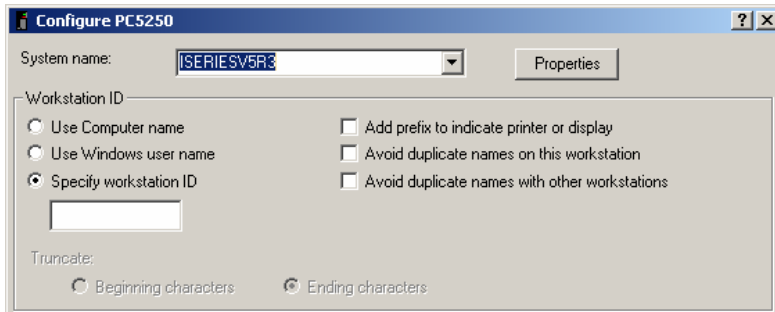
Communication Configuration

- Connection and device settings



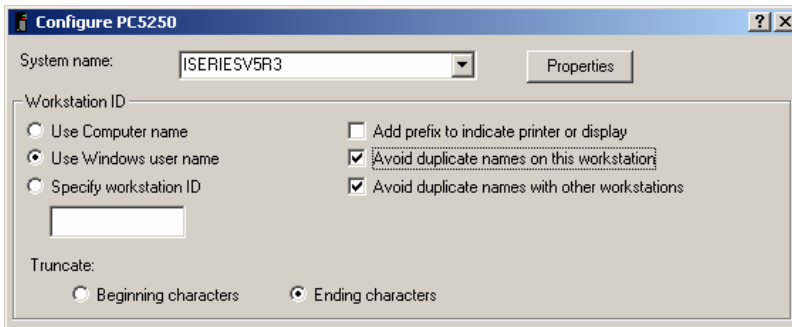
Device ID's

- Default settings
 - Device ID QPADEVnnnn is automatically generated
 - No association between users/pc's and devices



Device ID's

- Named
 - QAUTOVRT needs to be set



Device ID's

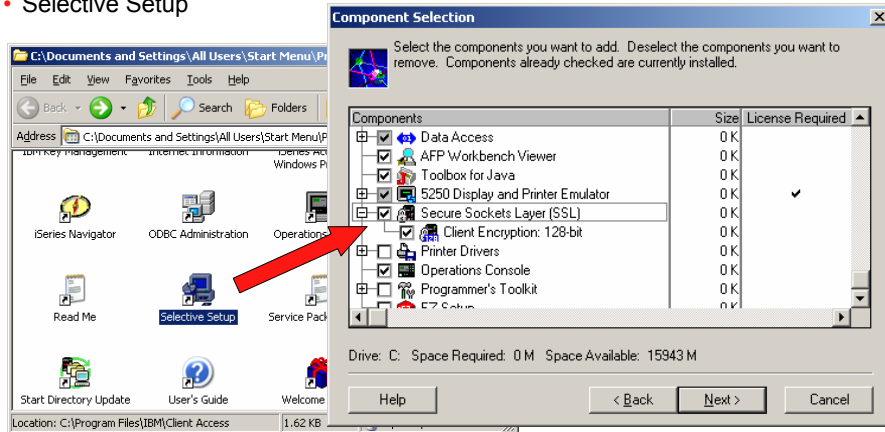
- Named device ID benefits
 - Associate device ID with user profile, workstation, ...
 - Route to subsystems based upon device name
 - Enables disconnected job support
 - QAUTOVRT needs to be set to high enough value
- Disconnected job support
 - Requires SAME device id AND user profile
 - QDSCJOBTV when to clean up disconnected unused jobs
 - QINACTITV timeout for action on idle jobs
 - QINACTMSGQ action taken for idle jobs (*ENDJOB, *DSCJOB)
 - Disconnected jobs hold system resources, you must manage them carefully

Secure Sockets Layer (SSL)

- Install SSL component
- Download Certificate Authority (CA) certificate
- Enable SSL
 - System configuration
 - Per Session configuration
- Server authentication
- Client authentication

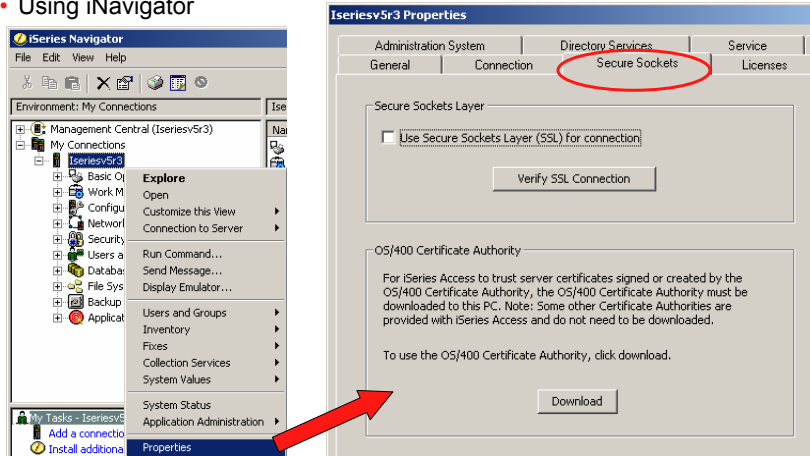
Secure Sockets Layer - Installing

- Selective Setup

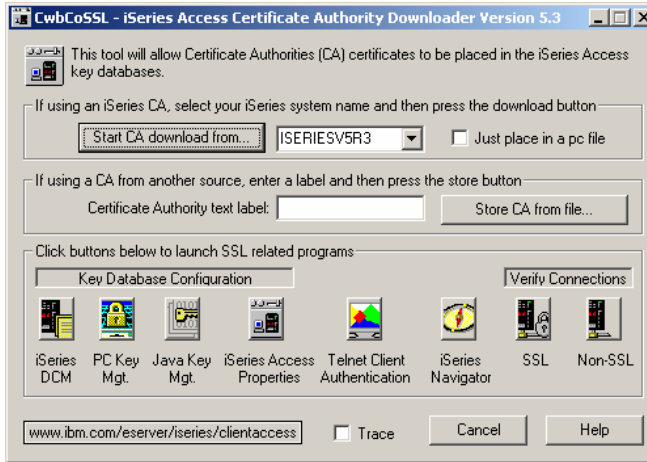


Secure Sockets Layer – Download CA and Enable

- Using iNavigator

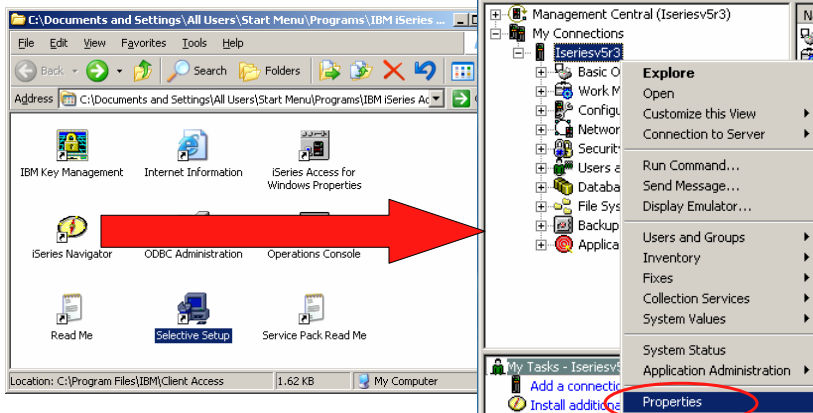


Secure Sockets Layer – CwbCoSSL utility



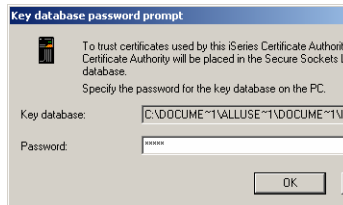
Secure Sockets Layer

- iNavigator system properties



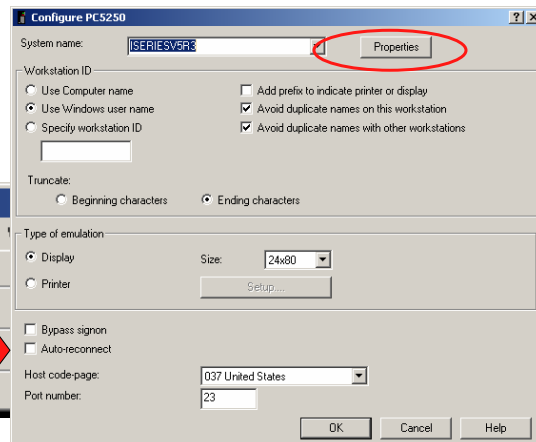
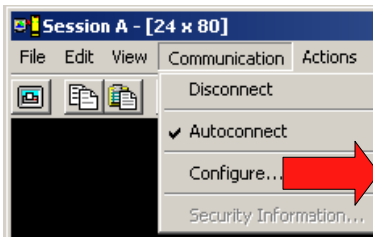
Secure Sockets Layer

- iNavigator system properties
- Enable SSL
 - Must restart INav
- Download CA
 - Password prompt



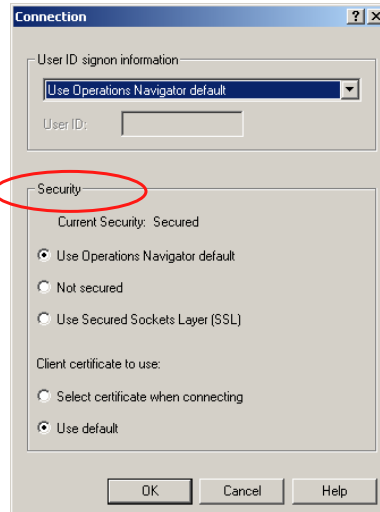
Secure Sockets Layer

- PC5250 configuration



Secure Sockets Layer

- PC5250 connection properties
 - Use iNavigator setting
 - Override setting
 - Ignore Client certificate to use
 - Port will change to 992 for SSL use

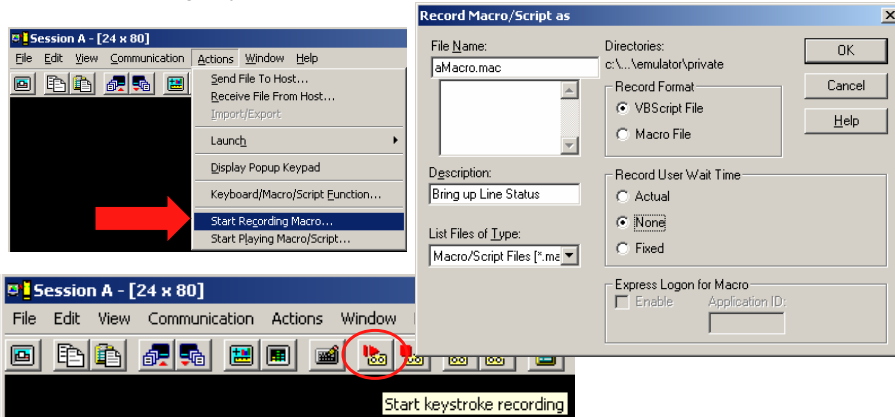


Macros

- How to setup and use
 - Recording
 - Customizing
 - Reduce wait times
 - Launch app
 - Playing

Macros

- Start Recording keystrokes and actions

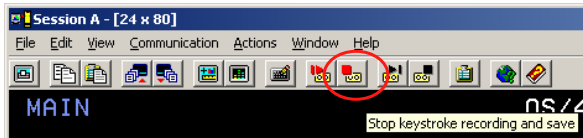


Macros

- Recording...

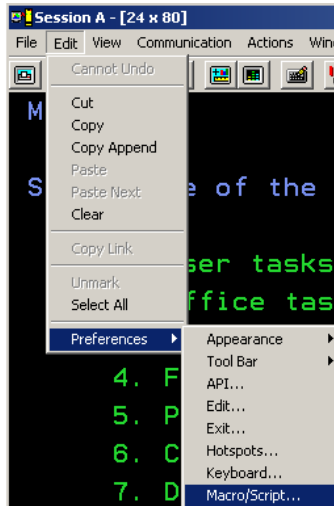


- Stop Recording and save macro



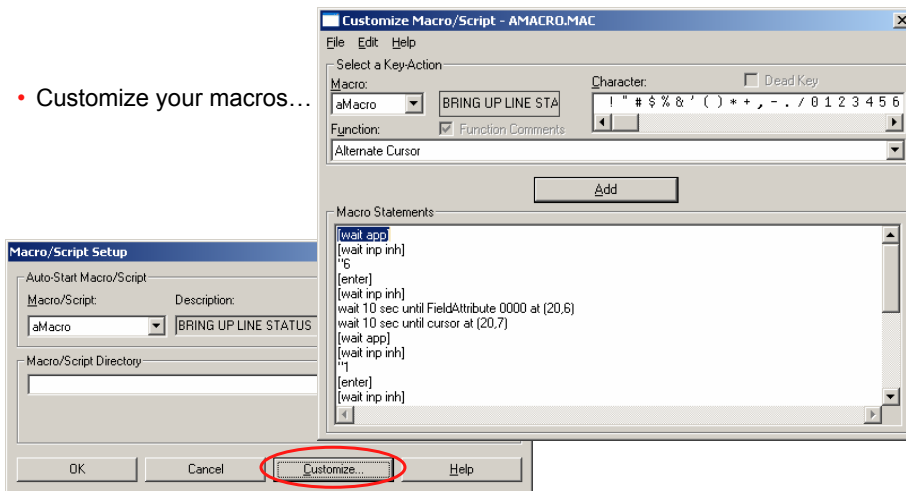
Macros

- Customize your macros...



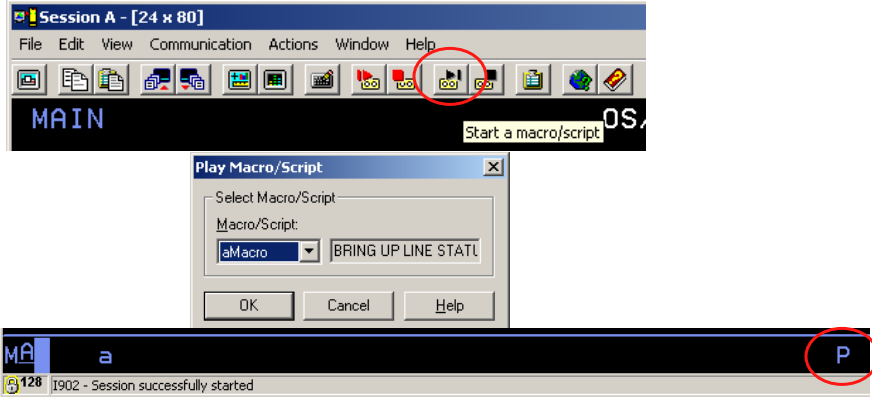
Macros

- Customize your macros...



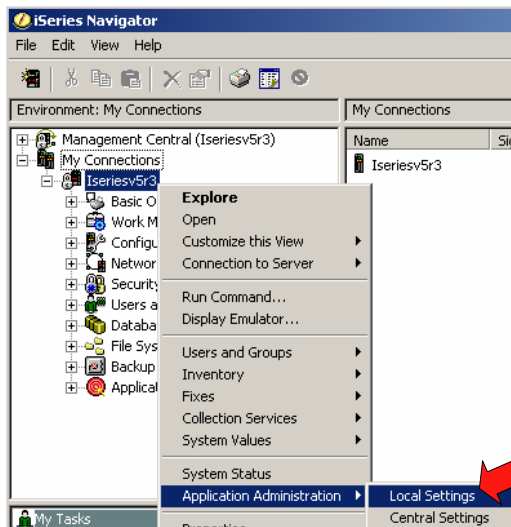
Macros

- Play your macros...



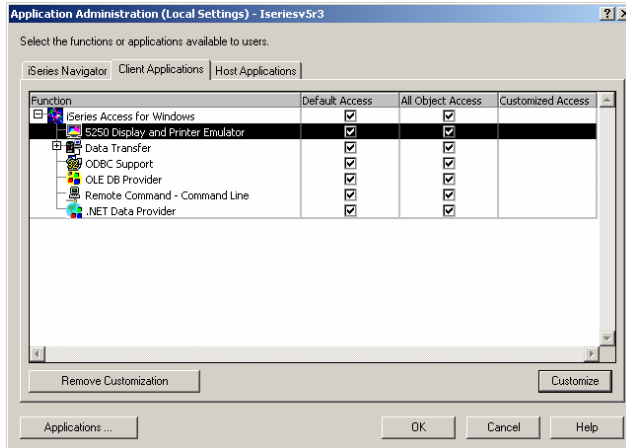
Administration

- Application Administration
 - Via iNavigator



Administration

- Settings
 - See Info Center for more ways to use this



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