



Training Presentation

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New Features

- DLS 5 adds the following new features:
- Added a “connect” button so you don’t have to do an upload or download to simply connect to the panel
- Added “Signature Graphic” in the account to display all modules, partitions and zone status
- Added a search box at the top of the account to be able to search for section numbers
- Added DLS 2002 Import Utility to be able to import DLS 2002 accounts (*Only panel versions that support DLS IV/5 are compatible for importing, DLS 5 will not import accounts with names that already exist*)
- Added an “System Admin” view for end user functionality (no installation programming sections can be accessed)

New Features Continued

- Added “**Worksheet View**” to be able to view the account in a way similar to how the program worksheets layout is viewed (*and similar to DLS 2002*)
- Added a **Backup/Restore tool** to easily backup or restore the database (*Note: DLS 5 no longer supports the Microsoft SQL management backup utility*).
- Added a “**Disconnect When Complete**” and “**Disconnect Immediately**” button so you can disconnect whenever you like.
- The **DLS autoupdater** program is now integrated into DLS 5. Notifications of updates will only be displayed when DLS 5 is running.

Main Changes

- SQLite as a database
 - Embedded database... NO INSTALL !
 - Portable
 - No resident services... when it's off, it's OFF
 - Easy backup
 - Nearly 100% SQL equivalent performance
- Redesigned navigation buttons with detailed tool tips.
- On upgrading from DLS IV to DLS 5, the existing database will be converted to SQL Lite, but the existing database will also be saved for backup purposes
 - Depending on the amount of accounts and the speed of the machine the conversion could take up to one hour to complete.
- When DLS 5 is available, DLS IV will indicate it as an update available to DLS IV in the DLS updater. Once the installation process is started, both the installation and database conversion will run automatically.

System Requirements

Minimum System Requirements

- To support the prerequisites for DLS 5 the following system requirements must be met:
- **Processor:** 600 megahertz (MHz) Pentium III compatible or faster processor - 1 gigahertz (GHz) or faster is recommended
- **RAM:** 1GB of System Memory
- **Hard Disk:** Up to 2GB of available space may be required.
- **CD or DVD Drive:** Not required
- **Display:** 1024 x 768 high color
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Prerequisites

Prerequisites

- The following applications must be installed for DLS 5 to operate.
- If the PC is connected to the internet, DLS 5 install will automatically perform the following prerequisite installations. If not, they need to be manually installed:
- Windows Installer v3.1 - <http://www.microsoft.com/downloads/details.aspx?FamilyID=889482FC-5F56-4A38-B838-DE776FD4138C>
- Microsoft .NET Framework v3.5 SP1—<http://www.microsoft.com/downloads/details.aspx?FamilyID=AB99342F-5D1A-413D-8319-81DA479AB0D7>
- Microsoft SQL Express 2005 SP3—<http://www.microsoft.com/downloads/details.aspx?FamilyID=3181842a-4090-4431-acdd-9a1c832e65a6>
- Microsoft Visual C++ 2008 Runtime (x86)—<http://www.microsoft.com/downloads/details.aspx?FamilyID=9b2da534-3e03-4391-8a4d-074b9f2bc1bf>
- Any critical updates to these prerequisites should be installed via Windows Update. At a minimum, DLS 5 will require Either:
 - Windows XP Security Hotfix Kb926255—<http://www.microsoft.com/downloads/details.aspx?FamilyId=966704b5-1a7e-4110-9694-844706a52db7&displaylang=en>
 - Windows XP Service Pack 3 (use Windows Update)
 - Windows Vista (use Windows Update)
 - Windows 7 (use Windows Update)

Supported Operating Systems/Database

Supported Operating Systems

- Windows XP Professional with Service Pack 2, Windows Installer 3.1, and kb926255 Windows updates installed
- Windows XP Professional with Service Pack 3 or higher
- Windows Vista - 32 bit and 64 bit
- Windows Vista with Service Pack 1 (SP1) - 32 bit and 64 bit
- Windows Vista with Service Pack 2 (SP2) - 32 bit and 64 bit
- Windows 7 - 32 bit and 64 bit
- Windows 7 with Service Pack 1 (SP1) - 32 bit and 64 bit

Supported Database

- SQLite

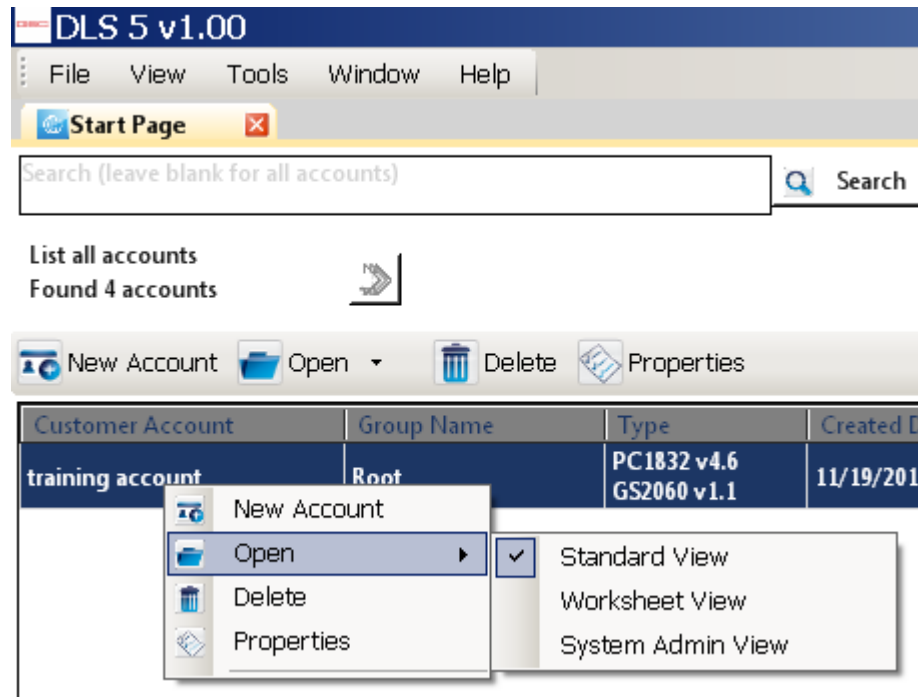
Main Page Layout

The screenshot displays the main interface of the DLS v1.00 application. At the top, there is a menu bar with 'File', 'View', 'Tools', 'Window', and 'Help'. Below the menu bar is a search bar with the placeholder text 'search (leave blank for all accounts)' and a 'Search' button. To the right of the search bar is the 'DSC' logo. Below the search bar, there is a section titled 'List all accounts' with a sub-header 'Found 4 accounts'. Below this section is a toolbar with buttons for 'New Account', 'Open', 'Delete', and 'Properties'. The main content area is a table with the following data:

Customer Account	Group Name	Type	Created Date	Created By
training account	Root	PC1832 v4.6 GS2060 v1.1	11/19/2012 3:01 PM	admin

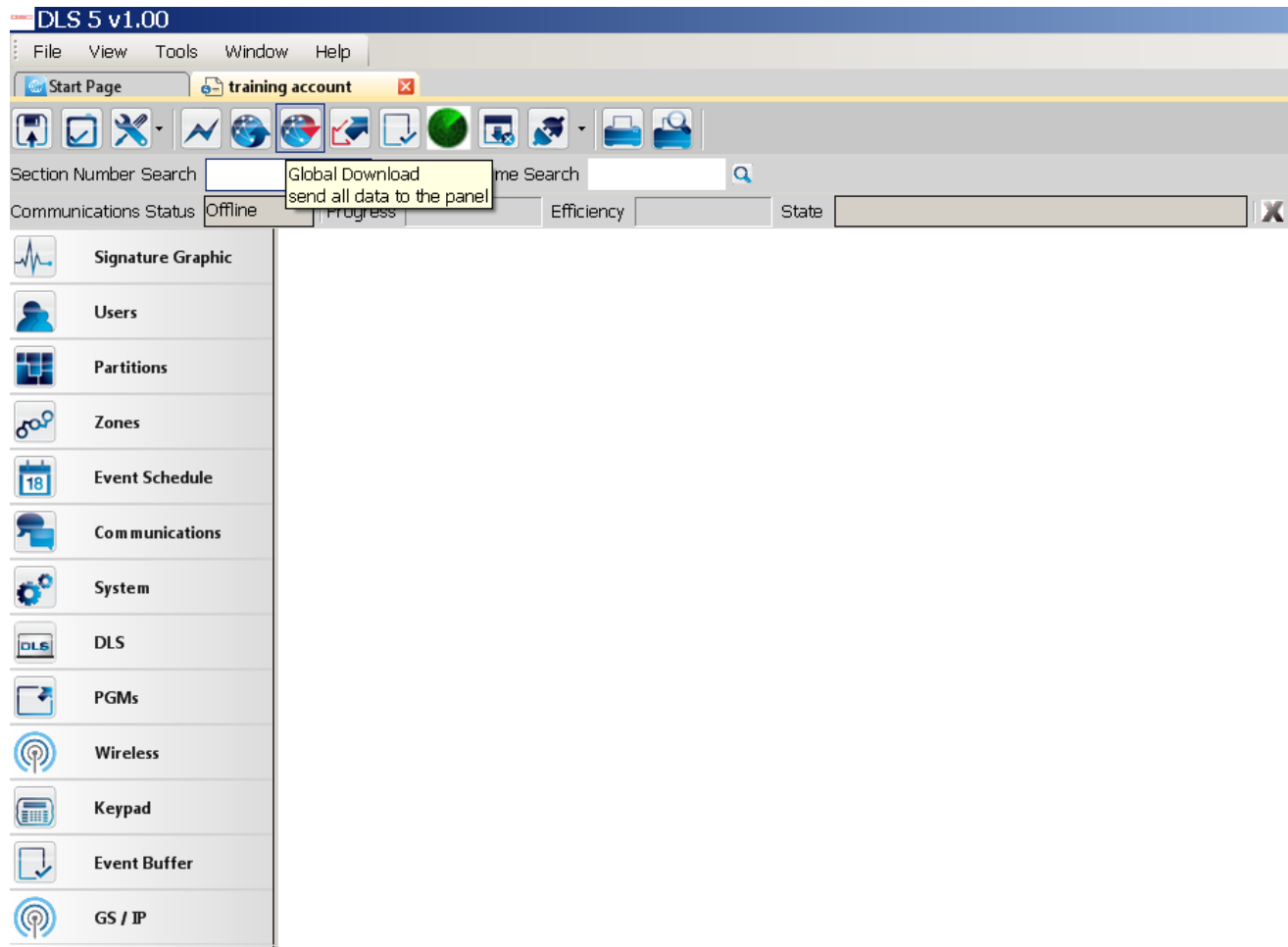
Opening an account

- When opening an account (by right clicking), you get three different account views to select:
- 1) Standard view: this is the same as DLS IV with some minor changes
- 2) Worksheet view: This layout is similar to DLS 2002, as it shows the account similar to the programming worksheets
- 3) System Admin View: Similar to the DLS 2002 SA accounts for end users, they will only have access to end user functionality.



Standard view

- Standard view is the same as DLS IV, with the addition of a search box to search for section numbers and titles, and the signature graphic which will display the physical modules, partitions and zones of the system.
- Also added are new icons and improved tool tips to help you understand exactly what the button does



Worksheet View

- Worksheet view allows installers who are familiar with the programming worksheets, or familiar with DLS 2002 easily navigate DLS 5 accounts. The sections are arranged by group, but also by section number

section	Option	Definition	Single End Of Line	Double End Of Line	Cross Zone	Normally closed Loops	A
[001] > 1	Zone 1 Definition	01 Delay 1	No	No	Yes	No	
[001] > 2	Zone 2 Definition	05 Interior, Stay-...	No	No	No	No	
[001] > 3	Zone 3 Definition	03 Instant	No	No	No	No	
[001] > 4	Zone 4 Definition	03 Instant	No	No	No	No	
[001] > 5	Zone 5 Definition	03 Instant	No	No	No	No	
[001] > 6	Zone 6 Definition	03 Instant	No	No	No	No	
[001] > 7	Zone 7 Definition	03 Instant	No	No	No	No	
[001] > 8	Zone 8 Definition	03 Instant	No	No	No	No	
[001] > 9	Zone 9 Definition	03 Instant			No		
[001] > 10	Zone 10 Definition	05 Interior, Stay-...			No		
[001] > 11	Zone 11 Definition	00 Null Zone			No		
[001] > 12	Zone 12 Definition	00 Null Zone			No		
[001] > 13	Zone 13 Definition	00 Null Zone			No		
[001] > 14	Zone 14 Definition	00 Null Zone			No		
[001] > 15	Zone 15 Definition	00 Null Zone			No		
[001] > 16	Zone 16 Definition	00 Null Zone			No		

System Admin View

- The System admin view is for end users, it removes all installation programming sections and only allows them to adjust user codes, auto arming, view the event buffer etc.

Section Number Search: [] Option Name Search: []

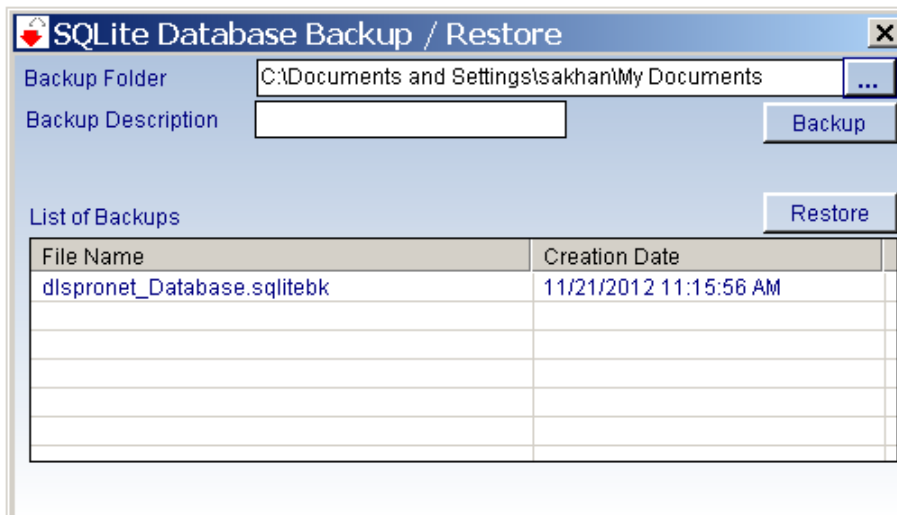
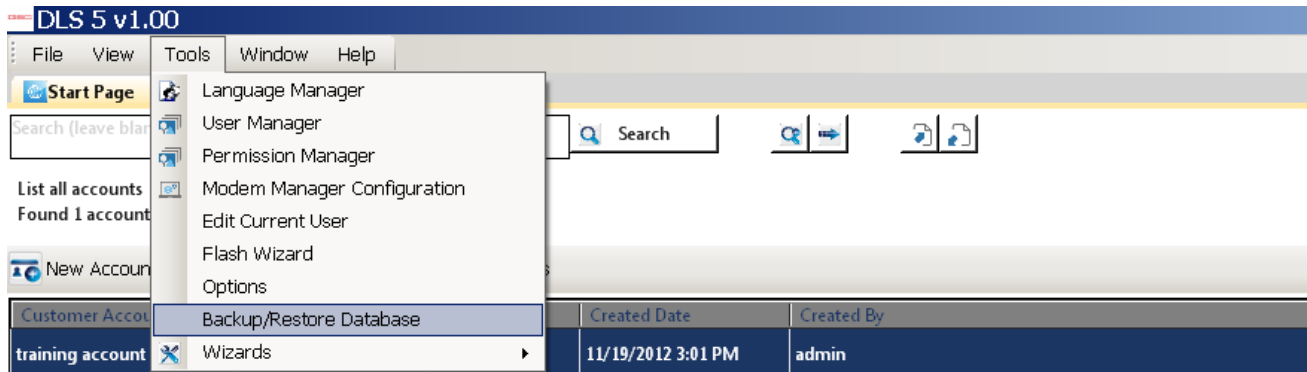
Communications Status: Offline | Progress | Efficiency | State [X]

[181] Partition 1 Auto-A
[182] Partition 2 Auto-A
[183] Partition 3 Auto-A
[184] Partition 4 Auto-A
[681] Partition 1 Auto-
[682] Partition 2 Auto-
[683] Partition 3 Auto-
[684] Partition 4 Auto-

Section Numbers	Option	
[181] > 1	Partition 1 AutoArm Schedule Sunday	Disabled
[181] > 2	Partition 1 AutoArm Schedule Monday	Disabled
[181] > 3	Partition 1 AutoArm Schedule Tuesday	Disabled
[181] > 4	Partition 1 AutoArm Schedule Wednesday	Disabled
[181] > 5	Partition 1 AutoArm Schedule Thursday	Disabled
[181] > 6	Partition 1 AutoArm Schedule Friday	Disabled
[181] > 7	Partition 1 AutoArm Schedule Saturday	Disabled

Backup/Restore Tool

- SQL Lite does not support the Microsoft SQL backup utility, so DLS 5 has a built in SQL backup/restore utility to preserve your accounts.



Signature Graphic

- From all three different account views, we get the same signature graphic. This tool shows you the system status including any connected modules

The screenshot displays the DLS 5 v1.00 software interface. The title bar shows "DLS 5 v1.00" and the menu bar includes "File", "View", "Tools", "Window", and "Help". The main window has a "training account" tab and a toolbar with various icons. Below the toolbar are search fields for "Section Number Search" and "Option Name Search", and a "Communications Status" section with "Offline", "Progress", "Efficiency", and "State" indicators. The left sidebar contains a "Signature Graphic" section with a pulse icon, and other sections: "Users", "Basic", "Advanced", "Partitions", "Holiday Schedules", "Event Buffer", "Status", and "Functions". The main content area shows a "Status" section with a pulse icon and a "System" section with icons for "PC1832 v4.6", "Keypad 1", "PK5500 v1.3", "Zone Expander 1", and "RFK5132 v5.4". Below that is a "Partitions" section with "Partition 1" and "Partition 2" icons. The bottom section is "Zones", displaying 16 zone icons labeled "Zone 1" through "Zone 16".

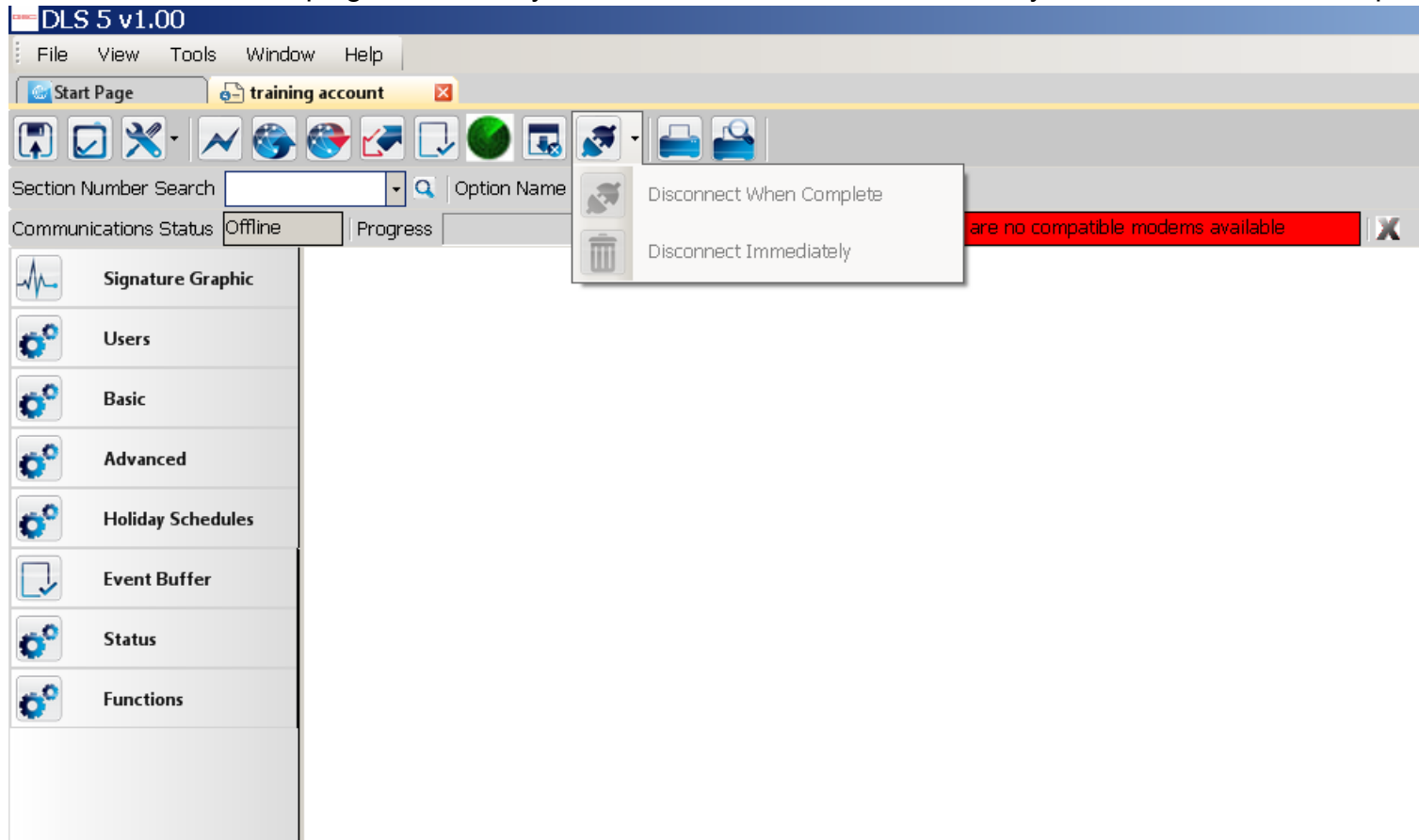
Connecting

- The latest status of the panel will be displayed on the top right of the screen.
- The active communication window can still be seen by clicking “view→active communication”

The screenshot displays the DLS 5 v1.00 software interface. The title bar reads "DLS 5 v1.00". The menu bar includes "File", "View", "Tools", "Window", and "Help". The toolbar contains various icons for navigation and actions. Below the toolbar, there are search fields for "Section Number Search" and "Option Name Search". The "Communications Status" section shows "Offline", "Progress", "Efficiency", and "State". The "State" field is highlighted in red and contains the text "There are no compatible modems available". A yellow tooltip box is visible on the right side of the screen, containing the following text: "Communication job added to queue at 11:39:34 AM", "Connecting to Modem Manager 1", "Request a modem and initialize it", and "There are no compatible modems available". The left sidebar contains a list of menu items: "Signature Graphic", "Users", "Basic", "Advanced", "Holiday Schedules", "Event Buffer", "Status", and "Functions".

Disconnecting

- To disconnect, click the “plug” button and you can select disconnect immediately or disconnect when complete.



Appendix

- Supported Panels
 - PC1616 version 4.1 +
 - PC1832 version 4.1+
 - PC1864 version 4.1 +
 - SCW 9045/47
 - Alexor PC9155
 - Impassa PC9055/57