

Release notes NetOp School version 5.00 - 2006144

Danware is proud to introduce NetOp School 5.00. It will also be available as a commercial upgrade to our existing customers using version 4.00 or earlier.

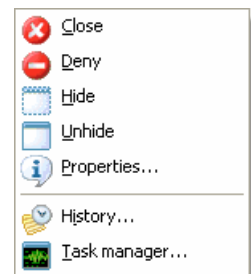
What's new in version 5.00?

The following pages give an overview of new features, characteristics and improvements grouped by function. As one of the new things, you'll be met by an updated graphics interface.

Activity View

A new View is introduced – **Activity View**. The view gives a live overview of each student's use of programs and websites. The teacher can Close or Hide programs and sites on the fly. A History List logs all activity during class.

- View programs and websites activity of each individual student in one section
- View joint activity of all students in a section below
- Close, Deny or Hide (Unhide) programs and websites of each or all students
- View application and web history per student or per application
- Save or print History List. List is saved as CSV-file for easy import in e.g. MS Excel.

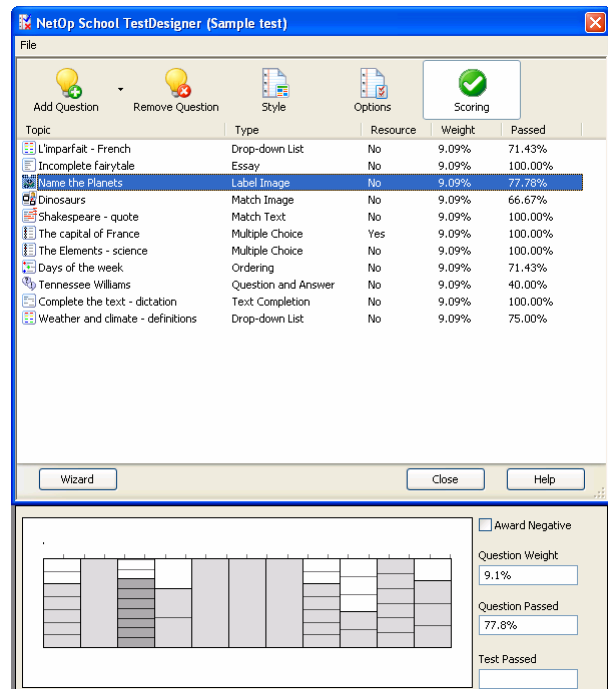


Test scoring

To improve the overview of the **Test score**, a new way of scoring questions has been introduced. Previously you'd score each individual question without having the overview of the running and total score of the test. Now the scoring is done on a central score board using a graphical interface. The scoreboard appears when the Scoring button is pressed.

- Total test score is 100%
- Question scores represented as a fraction of 100%, depending on the number of questions
- Questions can be weighted to represent a larger fraction of the total score
- Questions can be assigned a Passed Score value
- Questions can be assigned to score negatively, i.e. wrong answer awards a negative score value
- Tests can be given a 'Test Passed' value for the whole test.

Note: Existing tests will automatically be converted to the new scoring format – **once they are just opened and closed**. Thus existing points will be recalculated to correspond to the new method using percentage instead of fixed numbers. The Results reports have been changed to correspond to the new method.



Topic	Type	Resource	Weight	Passed
L'imparfait - French	Drop-down List	No	9.09%	71.43%
Incomplete fairytale	Essay	No	9.09%	100.00%
Name the Planets	Label Image	No	9.09%	77.78%
Dinosaurs	Match Image	No	9.09%	66.67%
Shakespeare - quote	Match Text	No	9.09%	100.00%
The capital of France	Multiple Choice	Yes	9.09%	100.00%
The Elements - science	Multiple Choice	No	9.09%	100.00%
Days of the week	Ordering	No	9.09%	71.43%
Tennessee Williams	Question and Answer	No	9.09%	40.00%
Complete the text - dictation	Text Completion	No	9.09%	100.00%
Weather and climate - definitions	Drop-down List	No	9.09%	75.00%

Wizard Close Help

Award Negative

Question Weight: 9.1%

Question Passed: 77.8%

Test Passed: []



Options

New Option added: **Protection** – replacing and improving the Maintenance password scheme. Previously either all or none of the options were protected by password.

- Select which options you wish to protect with the password
- Teacher users are prompted for password if trying to access a protected option
- Teachers can freely manipulate options not protected by password

New Option added: **Sharing** – enabling easy setup of shared paths for common files. Previously these had to be set in the netop.ini file.

- Share Tests, Policies, Lesson Plans, Recordings and Snapshots (see below)

A new choice for viewing Options as either Icons or a tabbed dialog has been added.

Audio monitoring

It is now possible during a Remote Control session or a Monitor session to **transfer the sound of the remote computer** to be replayed via your own audio equipment, e.g. for listening to students practicing languages.

NetOp School makes use of the “mixer” setting in the Recording Control of the sound card to transfer computer sound from applications. NetOp School by default tries to use “Wave Out Mix” or “Stereo Mix” (which are the most common names for this). If this control is named differently (e.g. “Mix Stereo”), a few lines has to be added to the netop.ini file on Students:

```
[audio]
sound_mix= Mix Stereo
```

The same applies for the Teacher to enable transfer of pc sound during a demonstration – a feature that was released in a previous version of NetOp School.

Improved MSI

- **Improved MSI** – now fully standard compliant MSI files for easy deployment through 3-party tools. The NetOp module MSI packs can be customized by the NetOp Transform Editor for creation of MST files for distribution together with the module’s MSI package.
- Note, that on the CD the modules Class Server and Class Manager are delivered as MSI installation packages only and are considered part of the NetOp School 5.00 group. To obtain an InstallShield package of the Class Server, download from the web.
- Note, that Arabic version in this build is delivered as Install Shield installation method only. MSI version will become available later.

Communication

- **Communication architecture, wireless networks** – mainly to improve and stabilize communication on **wireless networks, but in fact valid for all networks**, the default behavior of communication has been changed. Since broadcast generally is the most efficient communication method, this will stay default (optionally changeable).
On top of that, the Teacher will now take care of keeping communication alive, by continuously checking that all connected Students in fact do receive the Broadcast, and if not, automatically switch to Direct Send to each of those unable of receiving broadcast packets.
Moreover, the teacher will keep on checking “the Direct Send Students” with the purpose of switching back to Broadcast, whenever possible.



Miscellaneous news and improvements

- **Demonstrate in multi-screen environments** – a teacher's demonstration of a multiple-screen desktop will now be delivered on all screens on the student side. This also applies for a demonstration of a student's multiple-screen desktop. Earlier the demonstration would be delivered to only one screen with a scroll option.
Any other selection than entire desktop (e.g. specific monitor) will still be delivered to only one screen on the student side.
Obviously best results will come from using same resolution on both sides. Scroll bars will be added if necessary.
- **Remote Control or Monitor in multi-screen environments** – a teacher remote controlling or monitoring a student's multiple-screen desktop will now see the result on all screens on the teacher side. Earlier the result would be delivered to only one screen with a scroll option.
Obviously best results will come from using same resolution on both sides. Scroll bars will be added if necessary.
- **Move Class** – transfer students to other teachers on the fly anywhere on the network
- **Join Class notification** – optional balloon tip when Students join late
- **Policy notification** – optional notification for students when a Policy is applied. The notification comes as a tray icon which also lists the contents of the Policy – which applications or websites are allowed or not.
- **Invisible connection when Monitoring** – non-intruding on Student
- **Snapshots to file** – screen images saved directly to a file on Teacher side
- **Screen Recording and Screen Images** – extra tools for snapshots or recordings to be saved as e.g. avi files. Included in and can be executed from the Start menu
- **File distribution** – improved handling for distribution of complete folder structures to students. If distributed directories do not exist they will be created, thus keeping the original structure.
- **File collection** – improved handling for collection of only specific file types throughout a complete directory structure.
- **Sound handling during Demonstrate** – improvement in the previously confusing behavior of the two buttons on the Demonstrate toolbar handling the Teacher options for adding speech to the demonstration and adding an Audio Chat session.
- **Name recordings on Save** – the teacher is prompted for a filename instantly after finishing a recording.
- **Remote Control in bitmap mode** for grabbing screen data that would normally not be transferred due to the data bypassing the Windows GDI system.
- **Close Marker mode dialog** by using the window close button
- **Teacher minimizes to tray** - when Minimize button on the window is pressed.
- **Video Chat** – improved handling of webcams with compression
- **Test Results, printing** – a Class summary printout will now print questions continuously instead of inserting page breaks for every question.
- **Attention, environment variables** – it is now possible to define the path of an attention file using environment variables.

Special note for this release

Due to technical difficulties in processing the localized screen shots for the documentation, we have decided to deliver this release with:

- Help system in UK/US in all languages (software localized)
- Manual (pdf on CD) in localized languages but with UK/US screen shots
- Quick Guide (pdf on CD) in UK/US

Once corrected, the missing elements will be available on the web as well as in a later service build.