CDX Online Version 5.1 New Content and Features

- *New Content*
- *Improved User Interface*
- *New Class and Group Management*
- *New Diagnostics Tool*
- *Updated Quizzes and Tests*

- *Updated 2008 Tasksheets*
- *Improved Task Tracking*
- *Enhanced Reporting*
- *Enhanced Search*
- *Improved Messaging*

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Getting Started

Open CDX Online Plus by running the launcher program and logging in.

How to Navigate CDX+ Online

You can get to any of the content items in CDX Plus with no more than THREE clicks

1. First Click – Choose a main content category from the Content Menu at the left of screen. This will open up the whole menu tree for that content area

2. Second Click – Now we have four menu columns to choose from: The Main Menu; Topic Area; Topic Group; and Topics. For more detailed information before you select a particular topic, click on any Topic Area title, or Topic Group title – or go directly to the content by clicking on any Topic listed in the right hand column.
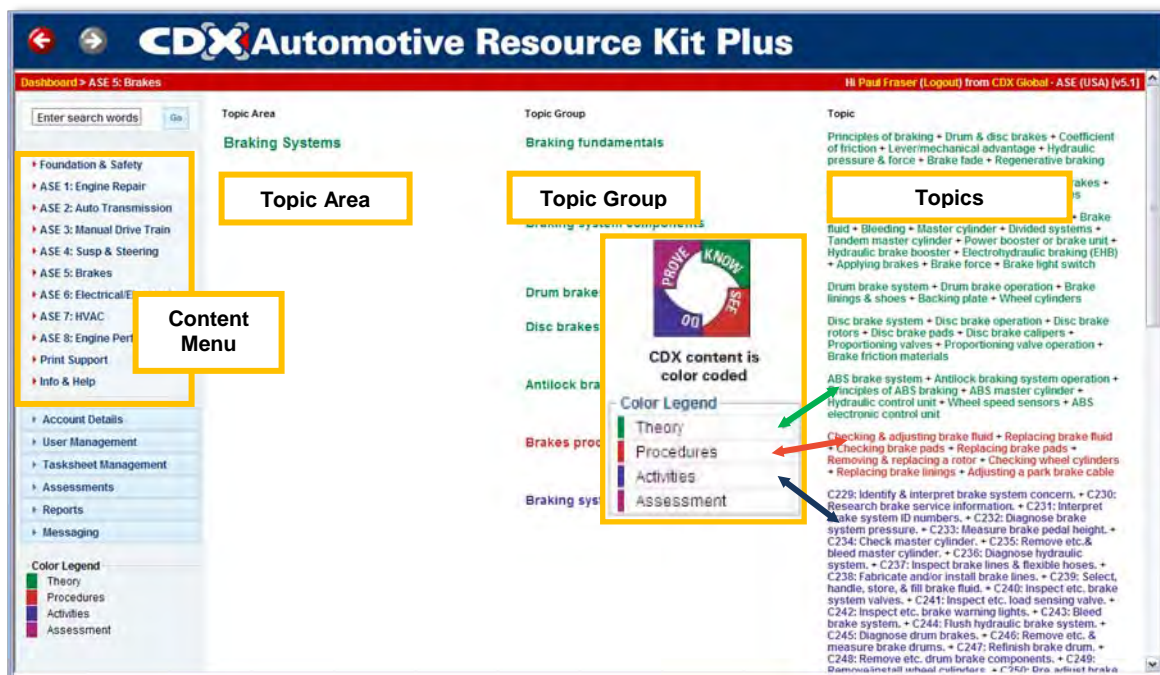
3. Third Click – Clicking on a Topic title brings up an introductory web page like this one. There will usually be at least several other related elements linked to this topic that you can select from the Icon Bar.
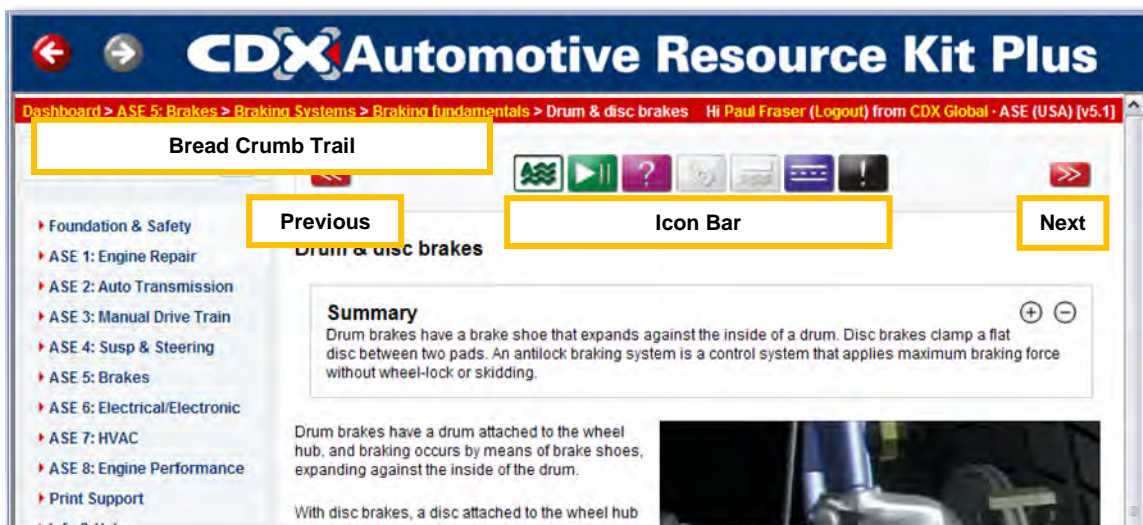
For instance, this icon will play the video sequence for this topic. You can choose a smaller or larger video playing size to suit the speed of your Internet connection and control the playback of the video.

…and this ▦ one will download a Handout Activity Sheet for this topic as a PDF document.

The Icon Bar

This is what each icon means:

And here is what all the other controls do:

Breadcrumbs

These show you where you are, and the path to get there. You can return to the start by selecting "Dashboard", or to the topic group or topic pages. Selecting your name will take you to your profile

Dashboard > ASE 5: Brakes > Braking Systems > Braking fundamentals > Drum & disc brakes   Hi Paul Fraser (Logout) from CDX Global · ASE (USA) [v5.1]

Back and Forward

These two buttons work just the same as the Back and Forward buttons on a regular browser.


Previous and Next

These two buttons jump you forwards to the next topic in the menu sequence or back to the previous topic, like turning the pages in a book.

Search

This lets you find any word or phrase in the entire program. To search for a phrase use quotation marks, e.g. "stoichiometric ratio". You can navigate directly to the topic by clicking on the Topic link, or to the Topic Area or Topic Group by clicking on the navigation trail.
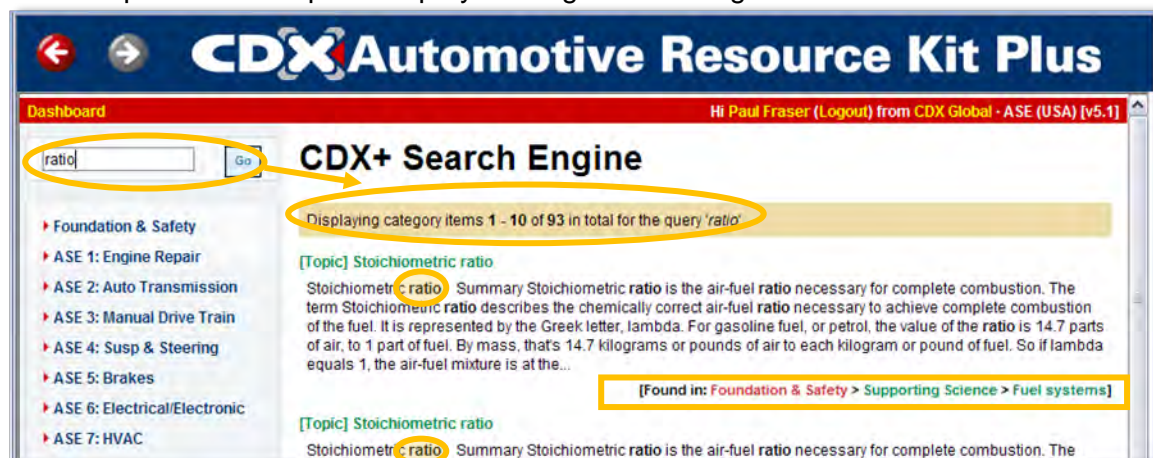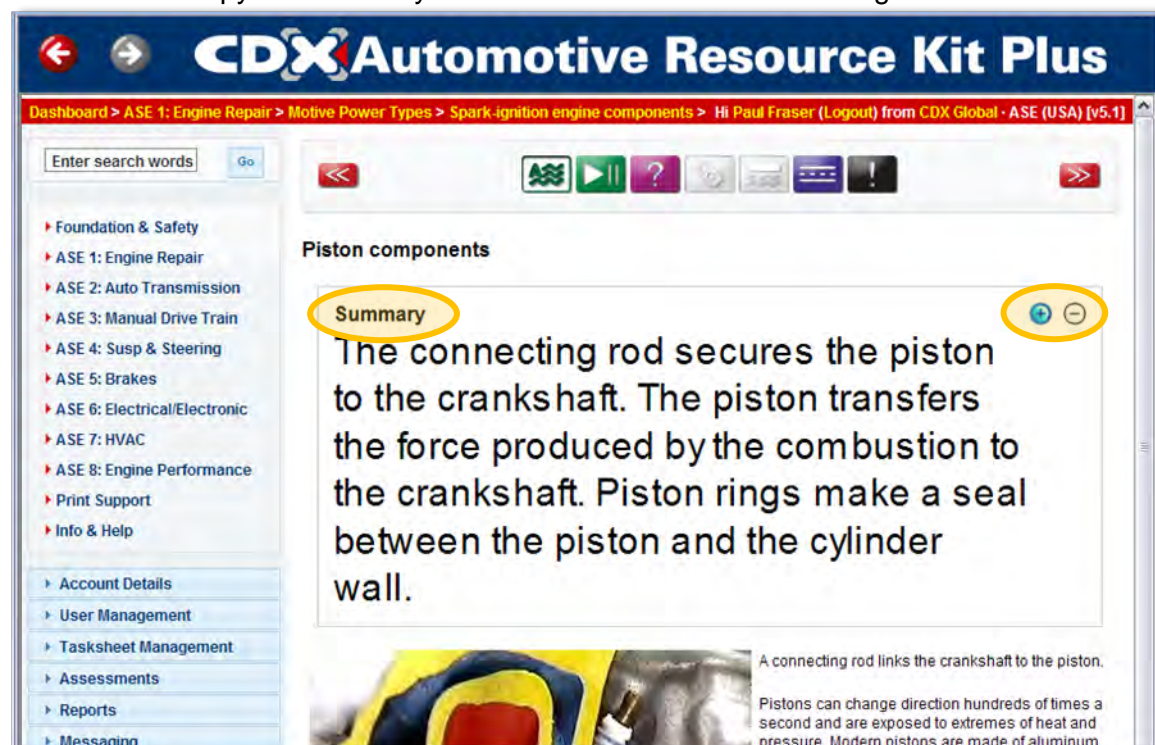
Additional Features

Summary Zoom

Click the 'plus' button to enlarge the Summary text so that even the students at the back of the class can read it clearly (click 'minus' to shrink it again).

Students can copy the summary into an exercise book as a learning reinforcement activity.

Online Messaging

CDX Plus Online includes a secure messaging system that lets you give out assignments for an individual student or a whole class group at once, or answer your students' technical or administrative questions, or respond to their excuses, or coach remote students, or set remedial work for absentees, all without leaving CDX Plus Online.

Class Messaging

In Box
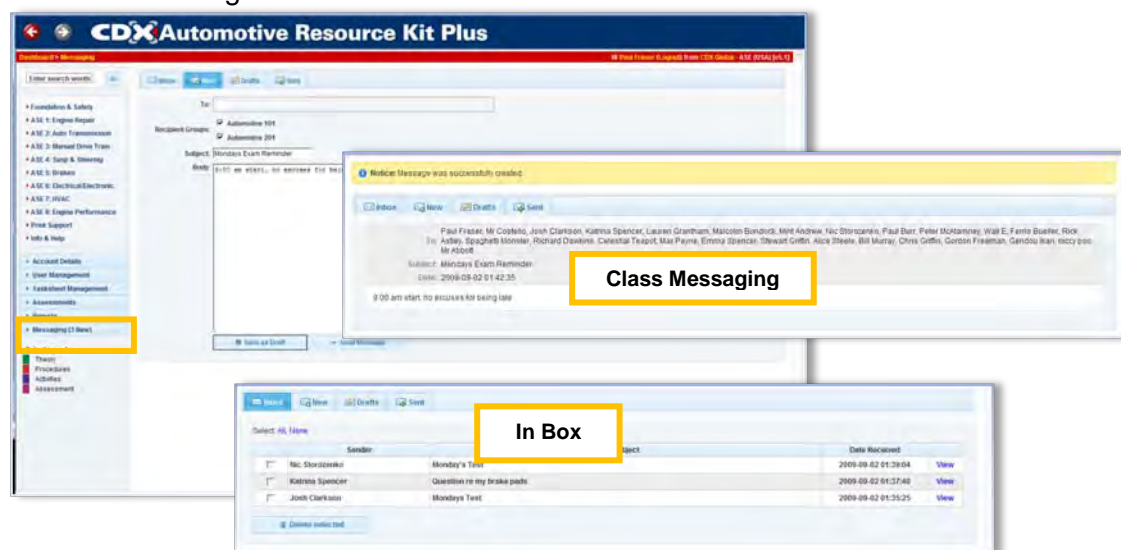
CDX Plus Online does not use email addresses, so you don't need to share your email address with everyone in your class, and you don't need to know fifty or more different email addresses to communicate effectively with your students. All you need is a CDX login....it's that simple.

Send a message to one, a select few, or a whole class at once. The next time they logon to CDX Plus Online, your message will be waiting. They can read it, respond to it, save it, or delete it.

When they respond, their message will be waiting for you next time you go to the CDX messaging system or the next time you logon to CDX Plus Online.

Students can only send messages to instructors. Instructors can send messages to anyone.

Print Support Materials

These pages give you easy access to each of the Tasksheets, Handout Activity Sheets, and Workshop Procedure Guides – all in the one place. From here you can also print out collections of print support documents all at once, by Category, by Topic Area, or by Topic Group.

Tasksheets

1. Select a category in this column and you can then view or and print any individual Tasksheet or group of tasksheets in that category.

2. In this column you can choose to view or print all of the tasksheets in that category, all at once.

Alignment to Standards

3. These links provide a correlation between the CDX tasksheets numbers and the national standards.

Handout Activity Sheets

4. Selecting a Topic Area List in this column lets you view or print individual Handout Activity Sheets, or all those sheets in any Topic Group.

5. This link gives you all the Handout Activity Sheets in the whole category, all at once.

Workshop Procedure Guides

6. Selecting a Topic Area List in this column lets you view or print individual Workshop Procedure Guides, or all those sheets in any Topic Group.

7. This link gives you all the Workshop Procedure Guides in the whole category, all at once.

The Dashboard

CDX Online now features a Dashboard, grouping key information together.

Individual Menus

A Supervisor is the person responsible for setting up CDX Online and enrolling students. They are also an instructor. A Supervisor can add or delete users and change some system defaults, such as the menu, tasksheets and video size. Because Supervisors are usually also instructors they can also see the Instructor menu.

Instructors can change some student details, and run Activity Reports and Test Results reports.

Students can change their password, assign themselves to a particular class or group, and check their own results for any assessments they have undertaken.

Quizzes and Tests

This links you to the different types of assessment with recorded results.

Topic Group Tests – 180 short tests, each with 5 to 10 questions, confirm a learner's recall and understanding of the content in each of the Topic Groups. Every topic group has a scored and recorded topic group test with randomized questions and distracters and feedback with every answer. These allow you to test-as-you-go, and provide evidence of student progress through the course.

Find-the-Missing-Word Activities – Unlike most types of test, these 180 research activities do not test a learner's knowledge or recall. Instead, they have a very different purpose. They draw up to 20 questions at random and require the learner to review the content from a Topic Group, and to identify and accurately transcribe specific information - a skill that all technicians need, but some find very difficult without extensive practice.

These "fill-in-the-missing-word" activities reinforce the lessons learnt in the CDX courseware and are delivered and graded electronically. They are also provided as printable questions on every topic handout, to support situations where more flexibility is required.

Practice Exams – these short 10 question online tests allow students to practice for their final exams. These tests draw multiple-choice questions from a relevant question bank and randomize both the order of questions and the order of answers and distracters, so every quiz is different. They are untimed and may be undertaken as many times as necessary by a student. They provide feedback on the correct answer.

Final Exams – these are comprehensive exams, 30-50 questions depending on the subject area, with a fixed time limit. Students are initially provided with three opportunities to complete the Final Exams, which are timed. These Final Exams are scored automatically and the results are stored for later reporting.

If an instructor or supervisor selects an exam they have three options:
1. Information on the number of students who have attempted the test
2. Results from the tests including,
   i)   the submitted papers
   ii) analysis of student responses
3. A preview of the test, for use in group instruction

The Info tab provides a high level overview of the number of attempts completed.

The Overview on the Results Tab provides a summary of student results, including the time taken and the grade awarded.

Clicking on a date or grade opens up the submitted paper for review and discussion.
Selecting Show Mark Details provides a detailed report showing the results for each question

The Item Analysis tab provides detailed analysis of results, highlighting how many students got a particular question wrong and helping to direct remediation activities.

Diagnostics

Students start with 10 points and use their automotive knowledge to diagnose and fix a fault, without making poor choices and losing points. If they make a wrong choice they must go back and make another choice, and will lose points. After two wrong choices they can choose to take a hint, but will lose points. All attempts are tracked and reported in the Diagnostic Reports.

Reports

Instructors and students have access to a flexible set of reports, covering activity as well as test/exam results. Instructors can see all results; students can only see their own results. Select Reports from the main menu panel, and select the appropriate report. All the reports can be filtered, and the filters are similar for all reports.

Student Activity Report

Note that the activity report only tracks time in the content, not in quizzes or diagnostics. If a student ceases to actively use the system, e.g. leaves the PC on and goes to lunch, the session will time out and a default time of 5 minutes will be recorded.

Filtering the data by…
For each report, you can then filter the results by a number of different criteria, so you get just the information you need.

Content area
1. You can see exactly which parts of CDX Plus your students have been engaging with, by subject category, by topic area, or even by topic.

Date range
2. You can also set a time duration for this report by selecting start and finish dates.

Student group
3. The report can include all students, or only students in a particular group.

4. Then select 'Filter Results' to display what you have chosen.

Sorting the data
5. Your report rows can then be sorted by clicking on the name of the column you want the table to sort by.

Saving and exporting the report
6. Export the report data to a .csv file to share with other applications like Microsoft® Excel, or save it for printing in .pdf format.

Diagnostics Report

1. The filters allow you to view the average, highest and lowest score**.**

2. All attempts are recorded, but a grade is only recorded on completion, so "0 of 1 completed" means that a scenario was started but not completed.
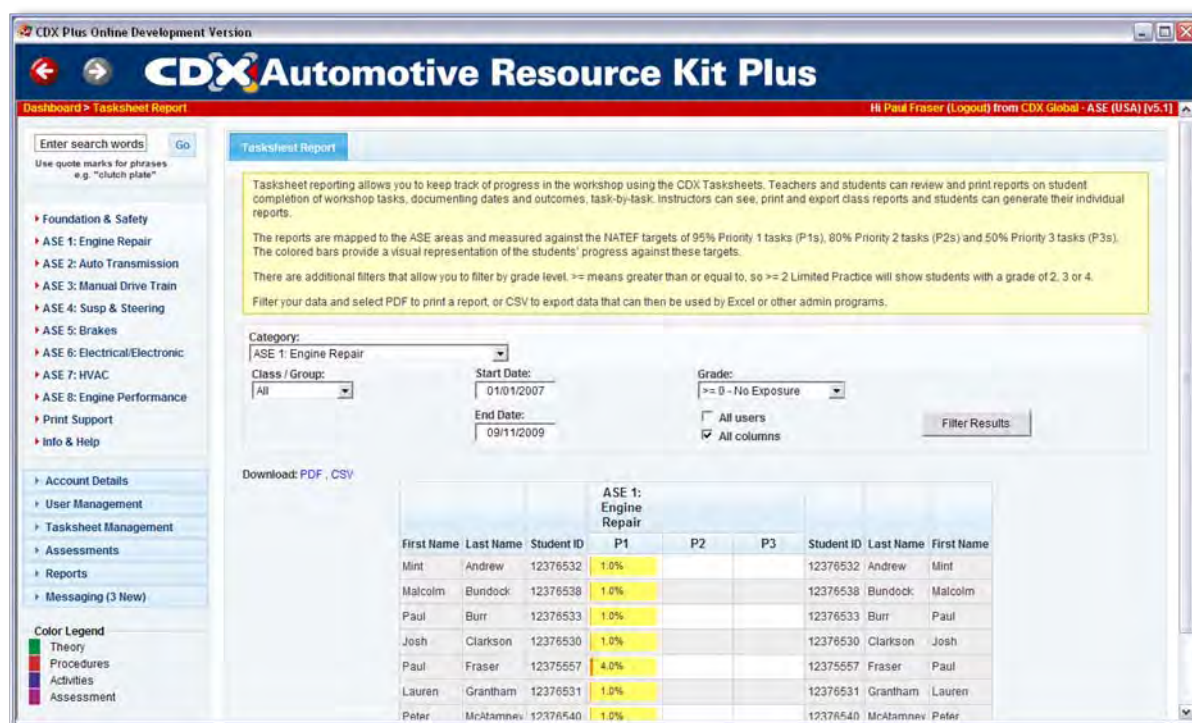
Tasksheet Report

Teachers and students can review and print reports on student completion of workshop the tasks, documenting dates and outcomes, task-by-task. For the ASE menu these are, mapped to the 8 ASE areas and measured against the mandatory NATEF P1s, P2s and P3s.

The colored bars on the Task Report provide a visual representation of the students' progress.

There are additional filters that allow you to filter by grade level, >=2 would show grades equal or greater than 2, i.e. 2, 3 and 4.

You can create a printable report by selecting PDF, or export to Excel by selecting CSV. Students can print their own reports. If you stamp, sign and date the students report it provides them with a valuable tool to support them in an employment interview. The comprehensive documentation provides a future employer with an understanding of the task exposure and skill level of the candidate.

Troubleshooting

If your login details don't bring up the CDX Plus Program when you select '**Login**', then make sure you have entered them correctly and select the 'Not starting?' system diagnostics button.
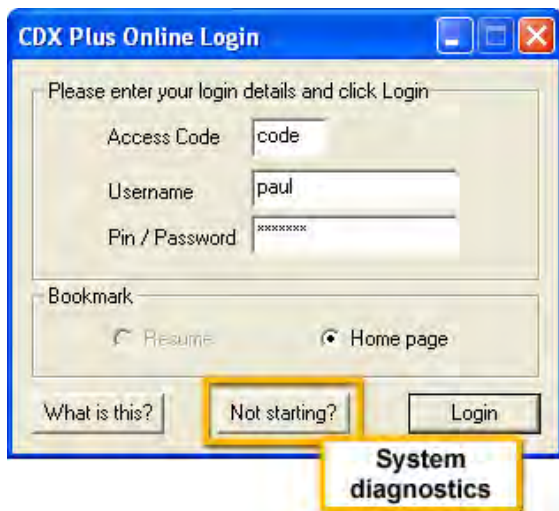
This will bring up a new box, select '**Start Tests**'. This should tell you why the program is not loading.
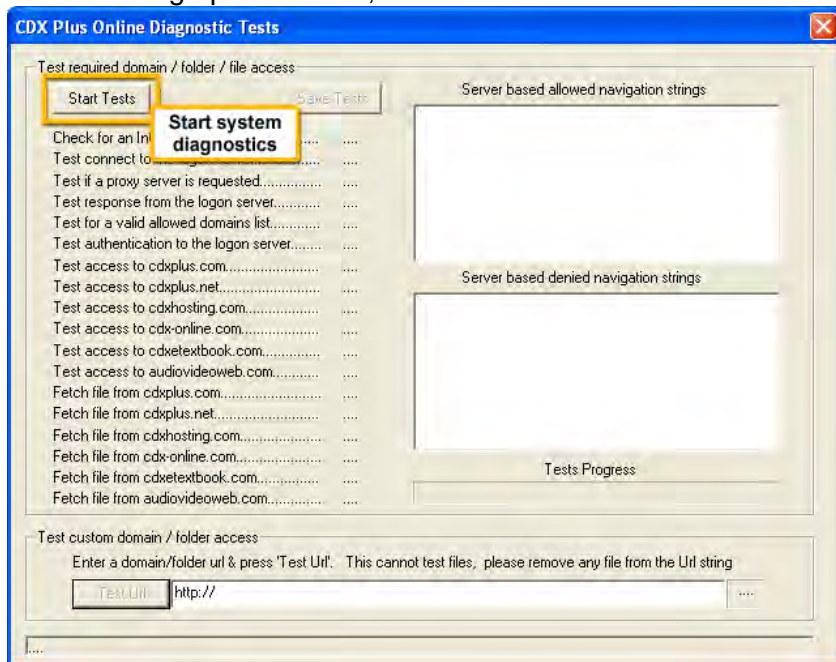
If that does not help you, or your IT department advisor, contact **CDX Customer Support**.

CDX Contact/Customer Support

Web support: **www.cdxglobal.com/support**

Email support: **support@cdxglobal.com**

Contact information: **www.cdxglobal.com/contact**