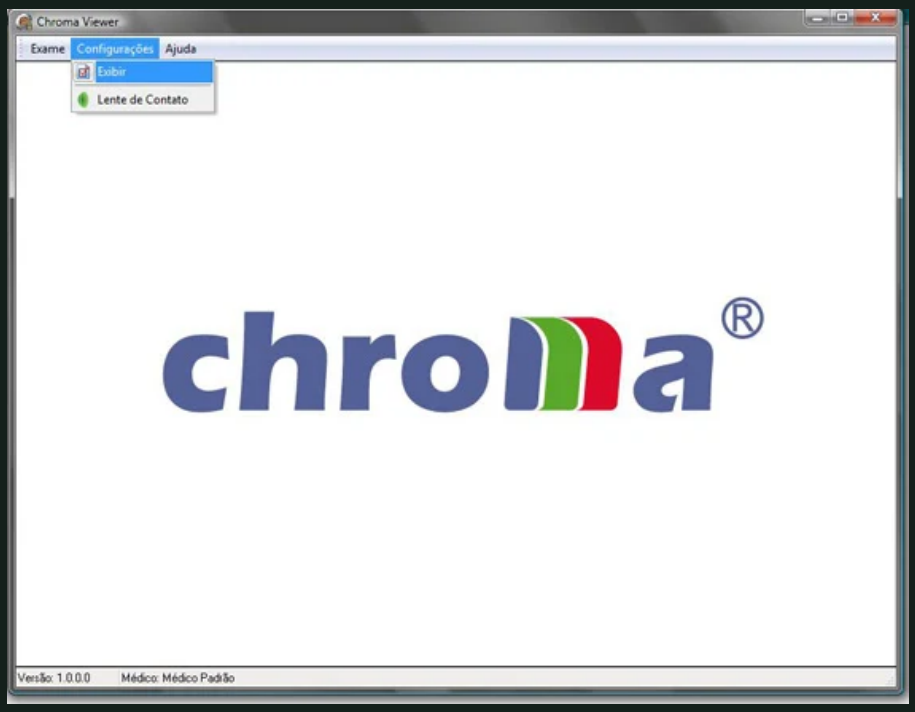
EVOptica

OPHTHALMIC INSTRUMENTS / ENGLISH EDITION

CHROMA Viewer

User Manual

TECHNICAL REVIEW EDITION



Full English translation of the supplied manual. Source inconsistencies are identified for technical review. This document is not a released clinical IFU for a new US configuration.

evoptica.com

contact@evoptica.com

About this English edition

This edition translates the supplied original instructions and updates the corporate identity and contact details to EVOptica. It does not change instrument operation, calibration values, treatment parameters or the documented software behavior.

TECHNICAL REVIEW EDITION - NOT A RELEASED CLINICAL IFU

The supplied originals contain unresolved configuration differences, malformed values and, in places, text apparently copied from other instruments. These differences have been identified without guessing a correction. Manufacturer engineering and clinical review is required before releasing instructions for a specific product configuration.

Navigation and original references

Source section numbers below refer to pages in the supplied original. The English layout has its own footer page numbers. The linked section list and PDF bookmarks navigate this edition; original figure, table and contents references retain their source context.

Screenshots and interface labels

Illustrations document the original software interface. Portuguese button labels are retained where needed and paired with English descriptions. This translation does not imply that the underlying software has been localized or that obsolete operating systems and network settings are a new configuration recommendation.

The full configuration and source-review notes appear after the translated instructions. Resolve those notes before releasing this document for a specific instrument configuration.

Linked source-section contents

1 / Chroma Viewer User Manual
2 / Contents
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SOURCE SECTION 1

Chroma Viewer User Manual

October 2010

SOURCE SECTION 2

Contents

Chroma Viewer 2; Installation 2; Configuration 5; Configuring the server (computer supplied with the Chroma instrument) 5; Configuring the client (computer accessing remotely through Chroma Viewer) 6; Use 11.

Chroma Viewer

Chroma Viewer is an examination viewer with the same interface as the software supplied with Chroma. It allows examinations to be reviewed locally (on the same computer) or remotely (accessing data on another computer over a network or the Internet).

Installation

It is strongly recommended that Chroma Viewer be installed on a computer other than the computer supplied with the Chroma instrument. It will only operate when both computers are connected to the same home network; a domain is not required. Follow these installation steps:

1. Run the Chroma Viewer installer. Its icon may appear larger or smaller depending on the computer display.

Illustrations - source section 2

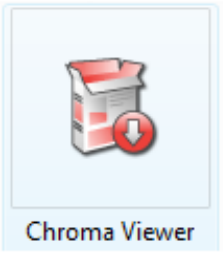


Original instrument or software illustration. See the English instructions and interface labels in this section.

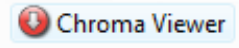
SOURCE SECTION 3

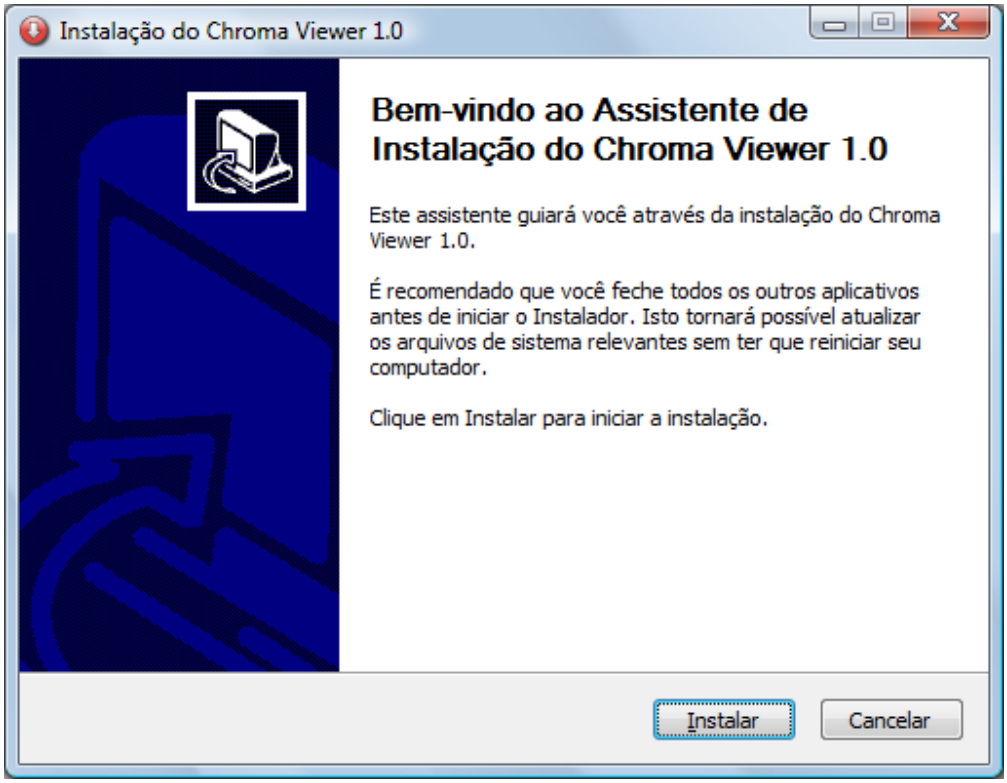
2. When the installation wizard welcome screen appears, click Install (Instalar).

Illustrations - source section 3



Ou





Original instrument or software illustration. See the English instructions and interface labels in this section.

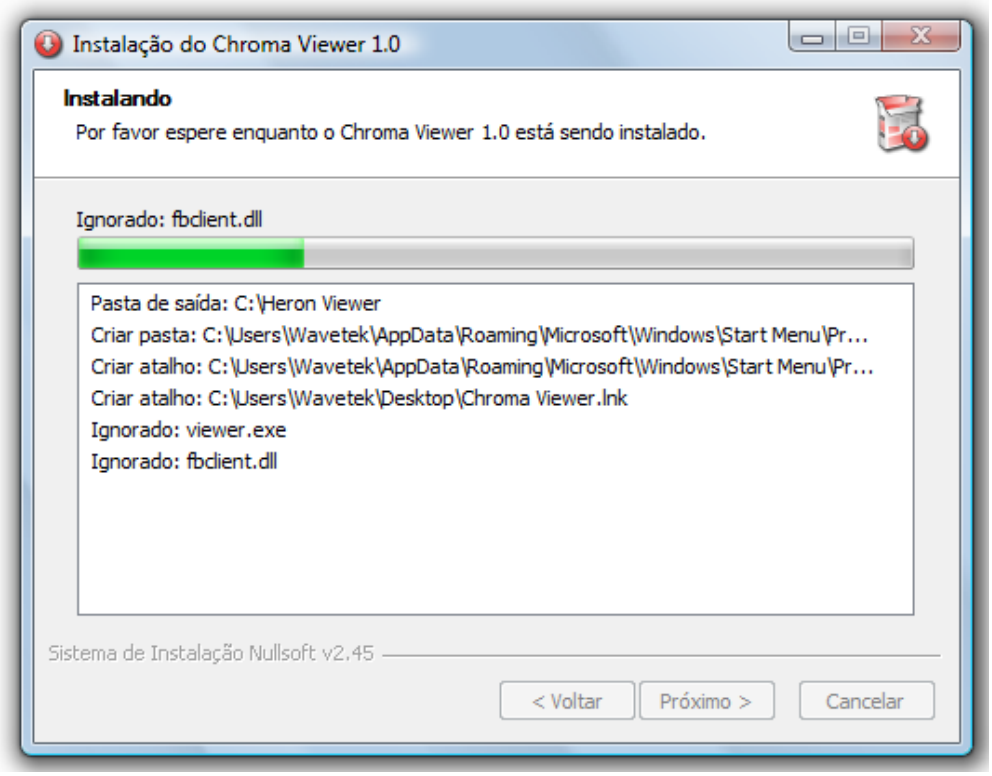
SOURCE SECTION 4

3. The wizard then performs the entire installation automatically.

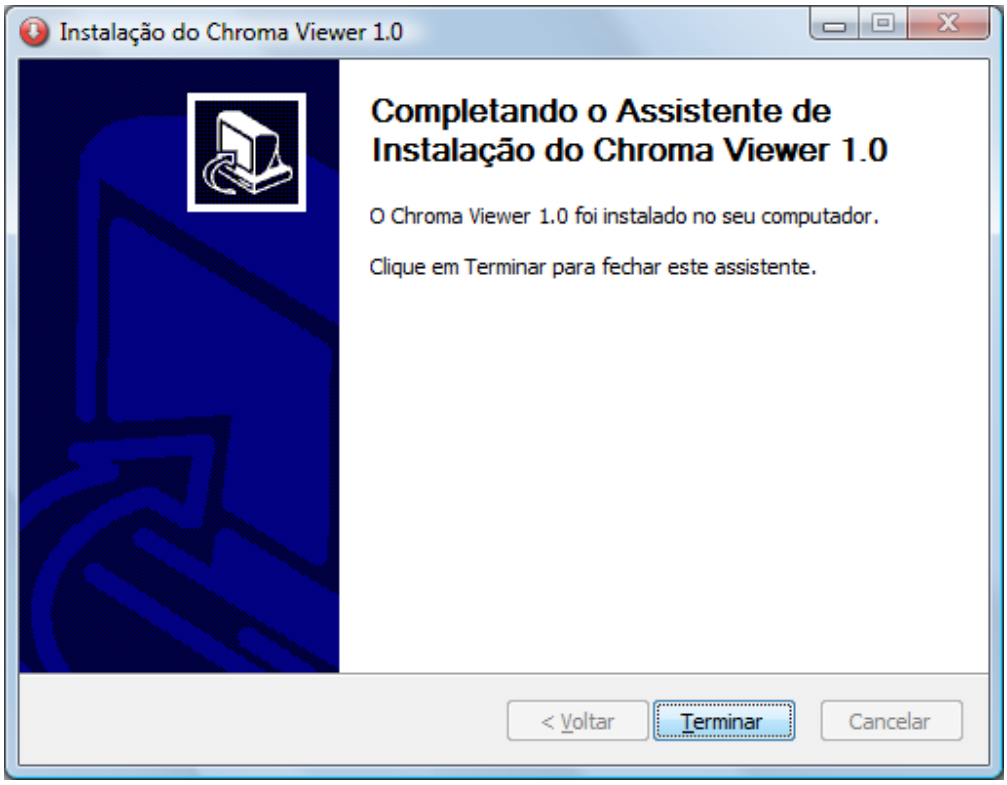
4. Once the progress bar is full, after listing installation tasks during the process, the wizard displays the message shown in the original illustration.

5. Click Finish (Terminar).

Illustrations - source section 4



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 5

The following describes the original October 2010 software configuration and its historical network settings.

6. After installation, open the software from Start menu - All Programs - Chroma Viewer - Chroma Viewer, or use the Chroma Viewer desktop shortcut.

Configuration

Configuring the server (computer supplied with the Chroma instrument)

The computer supplied with Chroma is called the server because it stores the database containing patient registration details and the corresponding examinations performed on the instrument. Chroma Viewer can connect remotely to this computer to access the Chroma database.

This manual assumes a complete, working Chroma software installation already exists on the server. Otherwise, perform the full installation following the Chroma Installation Manual.

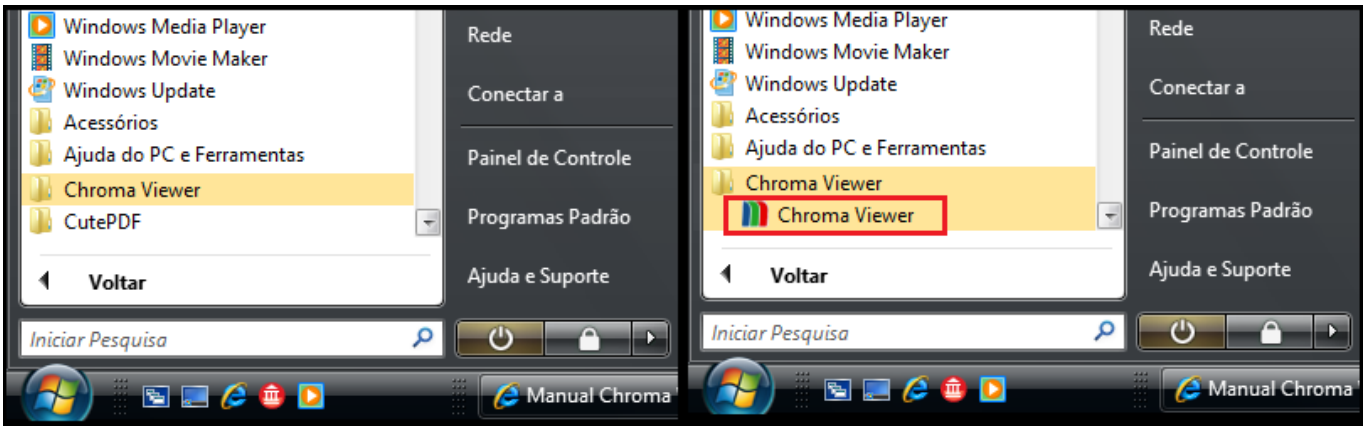
WARNING: Database communication port 3050 must be added as an exception in Windows Firewall on the server.

To add port 3050 as a Windows Firewall exception:

1. Open Windows Firewall: Start - Control Panel - Security - Windows Firewall.

2. Click Allow a program through Windows Firewall. Administrator permission is required.

Illustrations - source section 5



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 6

3. Click Add port.

4. Enter a name in the Name box, for example Firebird or Database.

5. Enter 3050 in the Port number box.

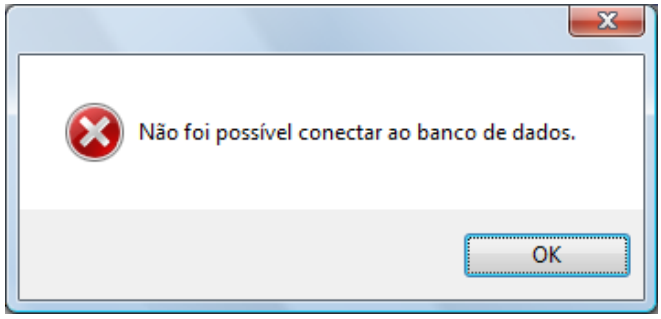
6. Select TCP.

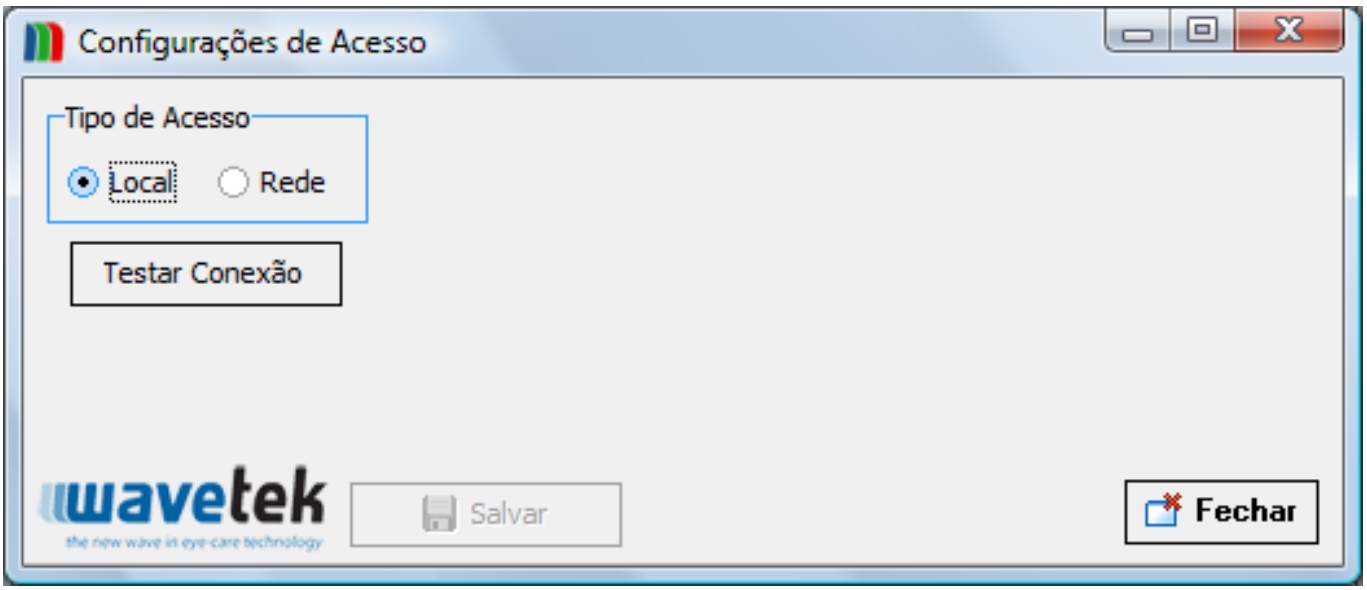
The method may differ between Windows versions. If these steps do not work, ask a qualified technician to add communication port 3050 or contact EVOptica technical support.

Configuring the client (computer accessing remotely through Chroma Viewer)

After installation, configure how the database will be accessed by running Chroma Viewer. If the system cannot connect, it displays the warning shown in the original illustration. Click OK in the warning to open the database connection configuration screen.

Illustrations - source section 6





Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 7

The access type can be Local or Network (Rede), as shown in the original illustrations. Local access only works when Chroma Viewer is installed on the same computer as Chroma software.

To configure Network access, the user must understand network access configuration using the IP protocol or request assistance from a network technician.

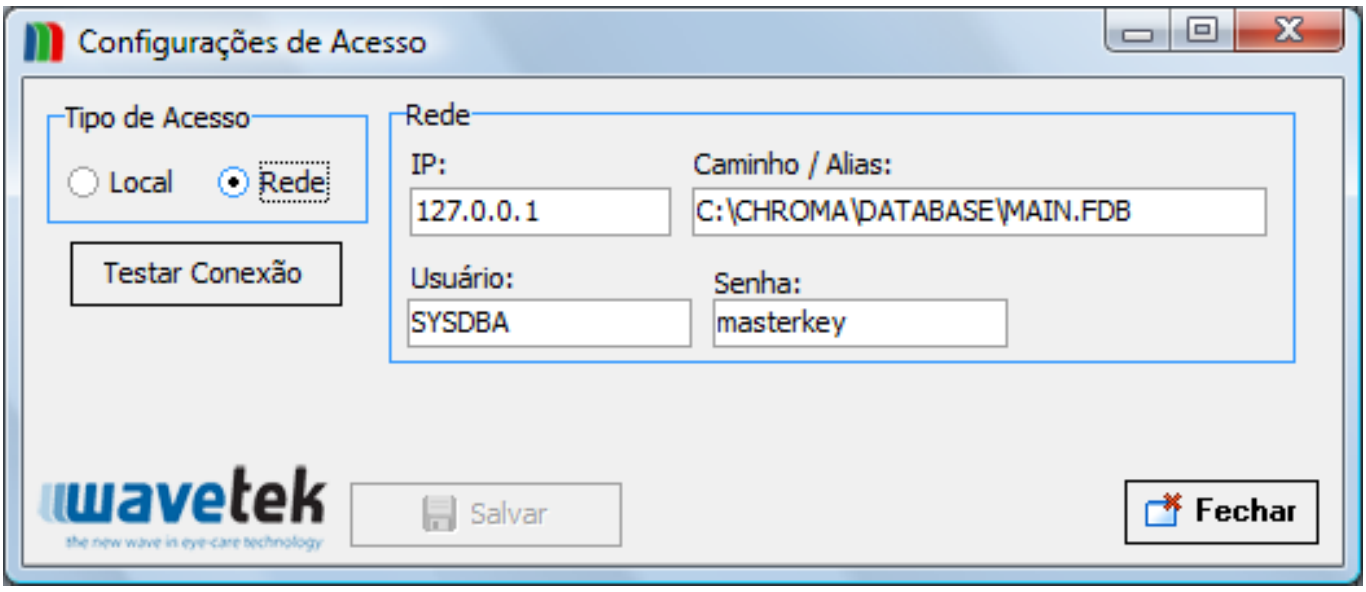
It is recommended to change only the IP address: go to the other computer where Chroma is installed, check its IP address on the network, and verify that it is switched on and connected.

The username and password may remain at their database defaults (User: SYSDBA; Password: masterkey), but it is strongly recommended that a competent technician configure a different password on the database server if remote access over the Internet (WAN) is intended, to prevent unauthorized database access.

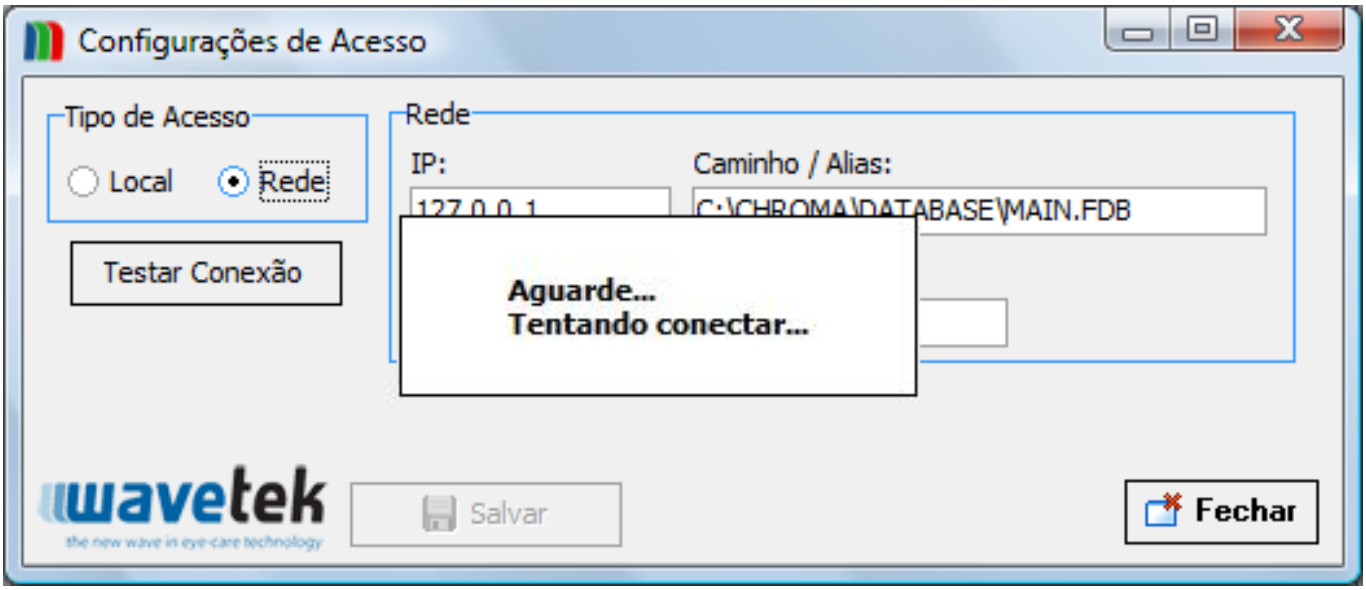
Before saving changes, test whether the access type and/or entered details are correct for the network configuration between computers and/or database file availability. After changing a setting, click Test Connection (Testar Conexão).

The message shown in the original illustration may appear while the connection is being tested.

Illustrations - source section 7



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

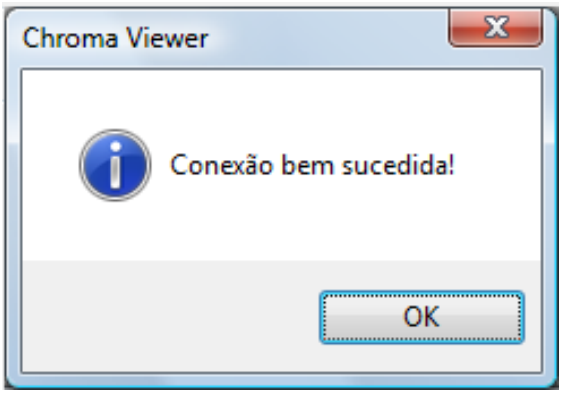
SOURCE SECTION 8

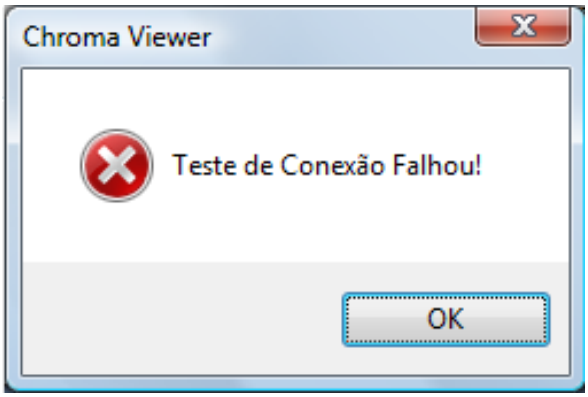
The connection test result is also displayed as on-screen messages. The save button is enabled only after a successful connection test, preventing access settings that fail the test from being saved.

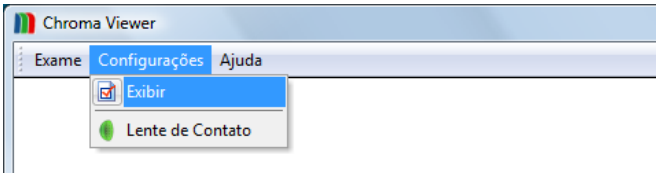
When connection settings are saved for the first time, or when the software requests configuration again because it cannot establish a connection, the software closes automatically. Run it again to apply the new settings.

If the software starts normally, perform the Access Login as in Chroma. Connection configuration is not required. When reconfiguration is necessary or desired, choose Settings - Show (Configurações - Exibir).

Illustrations - source section 8



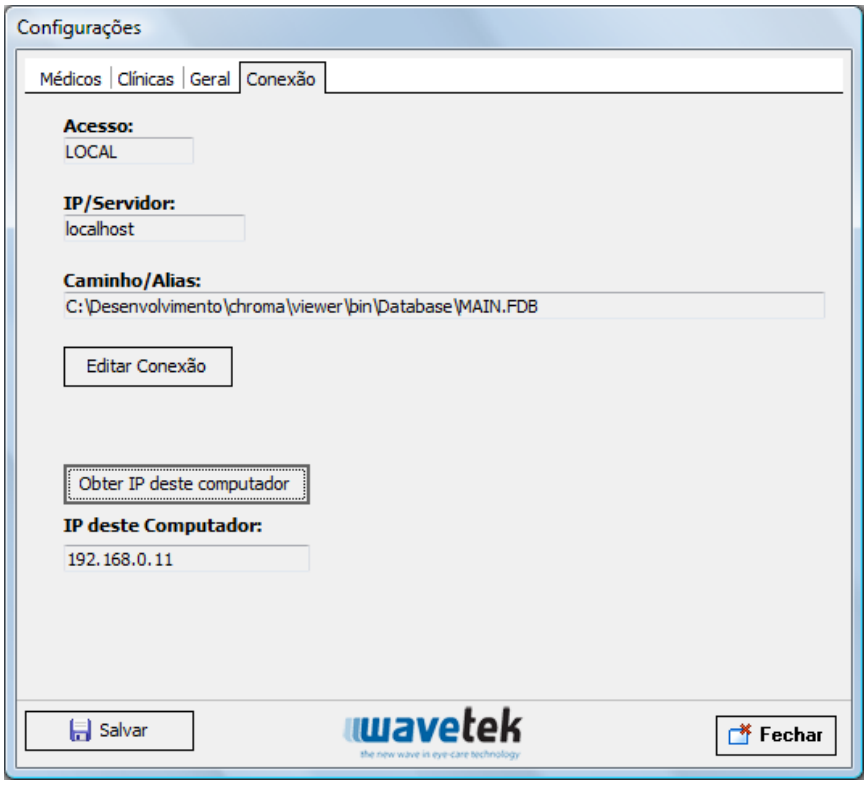




SOURCE SECTION 9

Opening the settings screen displays only the settings required by Chroma Viewer. Select the Connection (Conexão) tab to display the screen shown in the original illustration.

Illustrations - source section 9

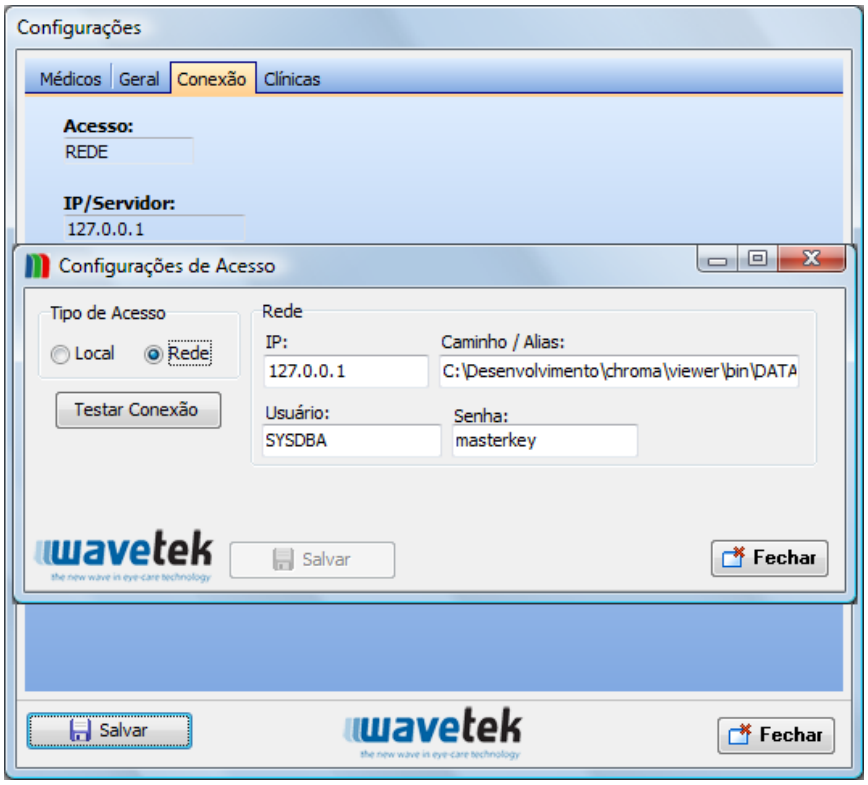


Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 10

This screen shows the system database access settings. Click Get this computer's IP (Obter IP deste computador) to obtain its IP address. Click Edit Connection (Editar Conexão) to change the connection method.

Illustrations - source section 10



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 11

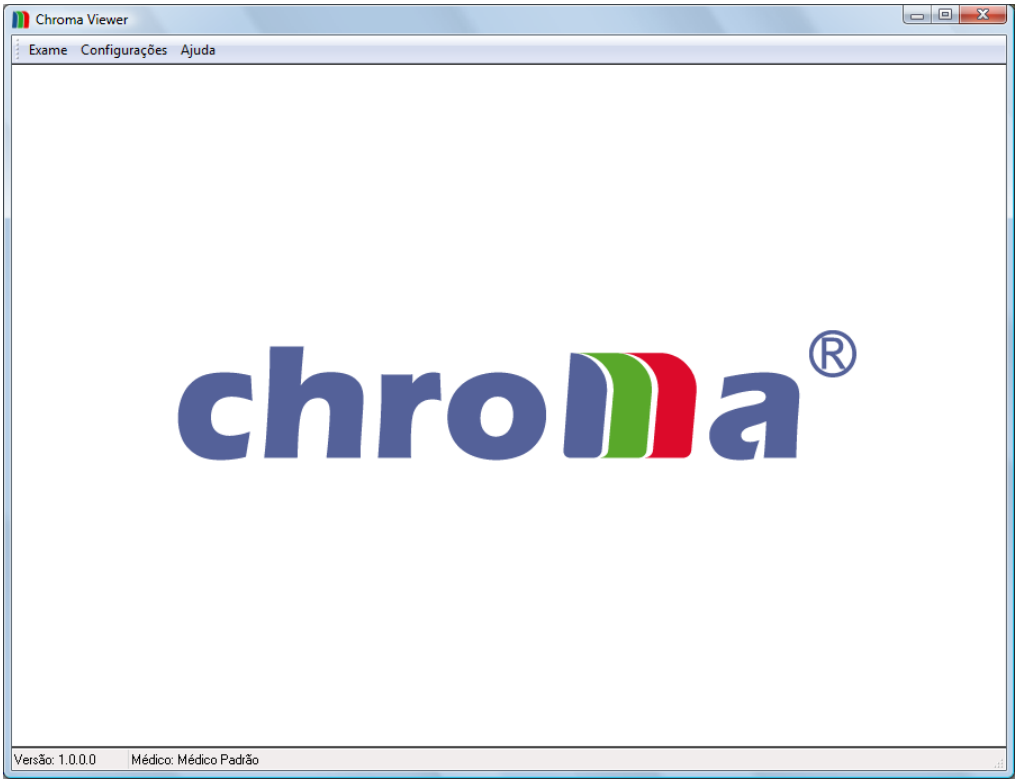
Use

Chroma Viewer main screen

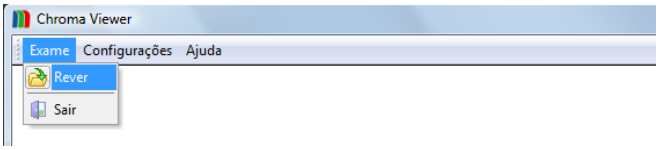
Chroma Viewer includes the appearance and some features of Chroma, except instrument adjustment functions and the ability to perform new examinations.

You can review patient and examination data, print, and change some settings in the same way as in Chroma software.

Illustrations - source section 11



Original instrument or software illustration. See the English instructions and interface labels in this section.



Configuration and source-review notes

Source limitations requiring technical review

Source section 2: Original manual describes Internet access but installation also says both computers must share the same home network. Local/network/WAN applicability should be confirmed for the actual software.

Source section 5: Historical networking instructions open database TCP port 3050 and page 7 retains default SYSDBA/masterkey credentials, with the source warning to change the password for WAN access. Retain the warning; these 2010 settings require current deployment/security review, not automatic reuse.

EVOptica

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Explore CHROMA Viewer resources

Request a demonstration or quotation

Configuration and market information

US regulatory clearance is in progress. The original ophthalmic product line held clearances in South American markets. Contact EVOptica for the product configuration, documentation and availability relevant to your destination market.

This is a full English technical-review edition of the supplied source document. It preserves source procedures, warnings, values and unresolved source differences. It is not a manufacturer-released clinical IFU for a new US product configuration.

Document information

English EVOptica edition: 05 November 2026.

Source revision: October 2010

Original technical illustrations are retained for traceability. Some legacy interface screenshots show Portuguese controls; English instructions and label glossaries accompany them. Product and software names are retained. Third-party marks identify their respective owners.