DFL-M510 Pattern Release Note

Enhancements:
1. Support the latest version of QQ, QQ 2006 Beta2.

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Enhancements:
1. Support new P2P application named Vagaa (included in eDonkey2000)
2. Support more extension filename, including rmvb, asf and wmv in HTTP download

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Enhancements:
1. Support new P2P application named iMesh.
2. Support new file transfer application named Thunder up to version 5.4.
3. Support more extension filename, including mp3, avi, rm, mov, and dll, in HTTP download.

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Enhancements:
1. Support new P2P application named Foxy included in Gnutella network.
2. Support new file transfer application named Thunder which uses a new

technology called P2SP.

Problems Resolved:
1. Fix to block Rediff BOL 8.0 file transfer after login.
2. Fix to block Gadu-Gadu login attempt.

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Firmware: 1.23.00
Pattern: 3.22
Date: September 8, 2006

Enhancements:
1. Support to detect Gadu-Gadu 7.1 login attempt

Problems Resolved:
1. Fix to block Rediff BOL 8.0 login attempt via proxy

Well known bugs:
1. Can't block Rediff BOL 8.0 file transfer after login.

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Firmware: 1.23.00
Pattern: 3.21
Date: July 26, 2006

Enhancements:
1. Support to detect Microsoft Live Messenger 8.0 (generally named MSN 8.0)
2. Enhance to detect GoogleTalk login attempt
3. Enhance to detect GoogleTalk audio request
4. Enhance to detect QQ&TM client login attempt via TCP
5. Enhance to detect QQ&TM client login attempt via UDP
6. Ability to detect TUNNEL PacketiX VPN connection attempt
7. Enhance to detect Web Mail Yahoo! access attempt
8. Enhance to detect Web Mail Hotmail login attempt

Problems Resolved:
1. Improve Web Mail / Web Upload detection

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Firmware: 1.23.00

Pattern: 3.19

Date: Jun 21, 2006

Enhancements:

1. Support new version of QQ and TM.

Well known bugs:

1. Can't block PP365 new version PP2005.
2. Can't block Rediff BOL new version v8.0 build 237
3. Can't block VNC new version v. 4.1.9.
4. DFL-M510 simply focuses on blocking the Web-based IM communication via official Web-based IM websites. It can effectively block the Web-based IM communication via official Web-based IM websites such as http://webmessenger.msn.com/, but it cannot block some other non-official Web-based IM websites acting as IM proxy to provide the Web-based IM communication.

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Firmware: 1.22.00

Pattern: 3.18

Date: Sep 26, 2005

Enhancements:

1. Enhance false-positive when users use QQ, TM.
2. Enhance false-positive when enable Skype strict mode.

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Firmware: 1.21.00

Pattern: 3.17

Date: Aug 31, 2005

Problems Resolved:

1. Fix When user play media file by RealOne player, DFL-M510 will monitor it as MS Media player
2. Fix user using MSN/Yahoo via proxy Server. Proxy Server is in intranet.

Enhancements:

1. When user using Simp to encrypt the MSN content, DFL-M510 can block it.
2. Ability to detect "Google Talk" and "FlashGet"

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Firmware: 1.20.00
Pattern: 3.16
Date: Aug 10, 2005

Problems Resolved:

1. Fix MSN Connection via Normal Login / Proxy / Sock4 for multi language.
2. Fix ICQ / AIM Connection via Normal Login / Proxy / Sock4 / Sock 5
3. Fix QQ / TM Connection via Normal Login / Proxy / Sock5 can't block web download when web address's length over 80bits.
4. Fix can't block Web Post.
5. Improve P2P BitTorrent detection
6. Improve P2P eDonkey2000 detection
7. Improve Web MSN Chat

Well known bugs:

1. Can't block new version of iChat, the version is
2. Can't block MSN Audio and Video under none Chinese and English environment.

Function Limitation

1. Because we use protocol view to detect the Streaming Media, Microsoft Media Player and Realone Player can read RSTP protocol. Maybe you will see the following situation. When user use Realone Player to play media, but you will see the user using Microsoft Media Player in DFL-M510.

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Firmware: 1.20.00
Pattern: 3.15
Date: July 29, 2005

Problems Resolved:

1. Fix Yahoo Connection.
2. Fix can't block new version of Play365.

3. Fix can't block web download when web address's length over 80bits.
4. Fix can't block Web Post.
5. Improve P2P BitTorrent detection
6. Improve P2P eDonkey2000 detection
7. Improve Web MSN Chat

Well known bugs:
1. Can't block MSN Audio and Video under none Chinese and English environment.

Function Limitation
1. Because we use protocol view to detect the Streaming Media, Microsoft Media Player and Realone Player can read RSTP protocol. Maybe you will see the following situation. When user use Realone Player to play media, but you will see the user using Microsoft Media Player in DFL-M510.

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Firmware: 1.20.00
Pattern: 3.14
Date: July 19, 2005

Problems Resolved:

1. Can't block TM connection, which version is 2005.
2. Can't block Kuro connection, which version is 5.30.
3. Can't block MSN web using Firefox
4. Can't block Gmail connection
5. Can't block web download
6. Can't block Softether connection

Well known bugs:
1. Can't block web download when wed address's length over 80bit.
2. Can't block Web Post