Desktop operating systems market share and their conformity with the international IT security standard ISO 15408

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Motivation

- Is there any desktop operating system that conforms to IT security standard ISO 15408?

- What are the desktop operating systems that make the market share in Croatia?

The research method

Surfing computers leave their trails on the Internet web sites they visit.

1. resolve what are the most visited sites in Croatia (*http://www.trafficranking.com*),

2. get and analyze their web access data,

3. rank operating systems found,

4. relate them to achieved ISO 15408 EAL.

The operating systems market share according to web access log data in analysed domains in Croatia

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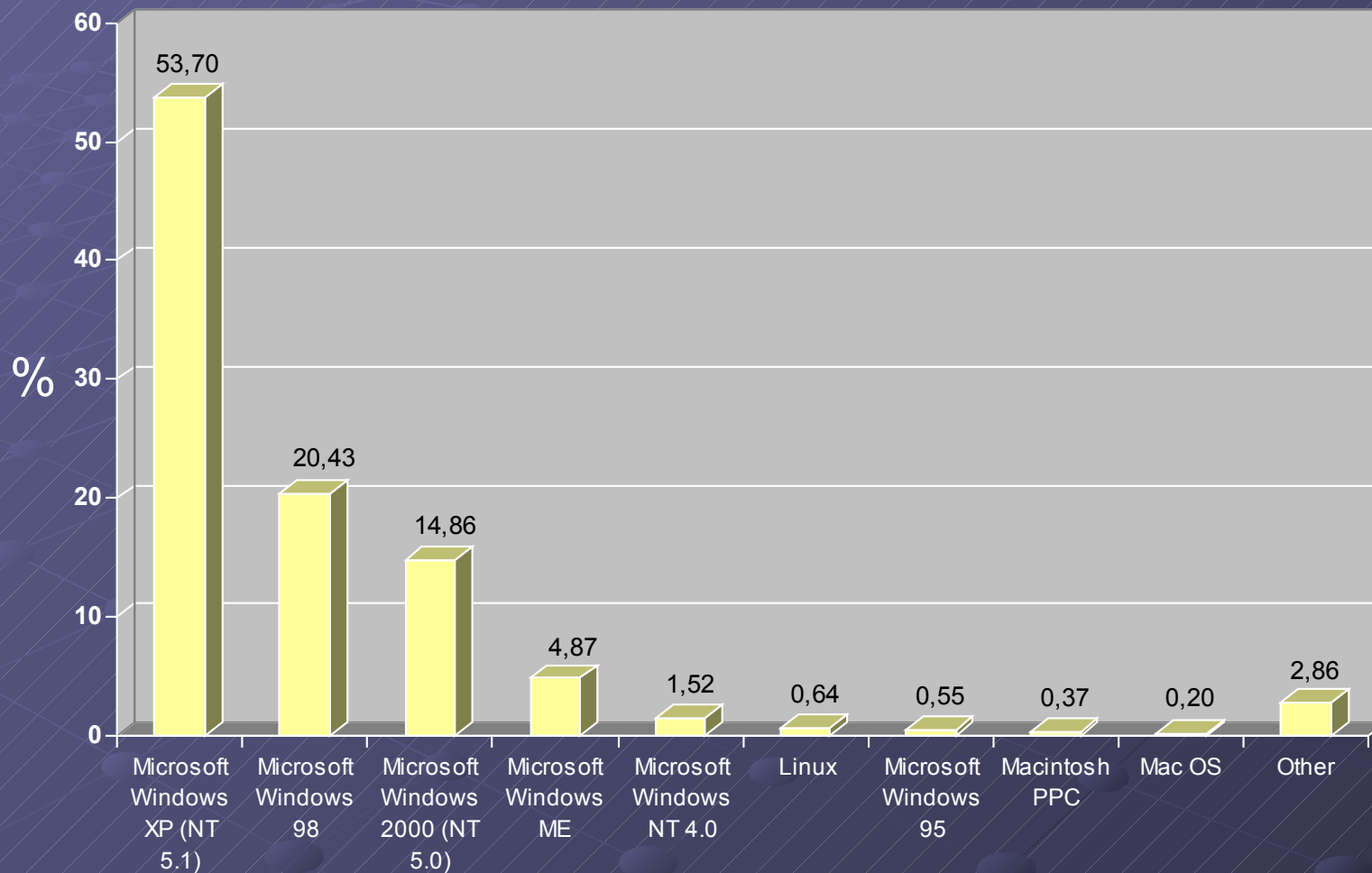
The operating systems market share according to web access log data in analysed domains in Croatia – comparison with Europe (*www.webhits.de*)

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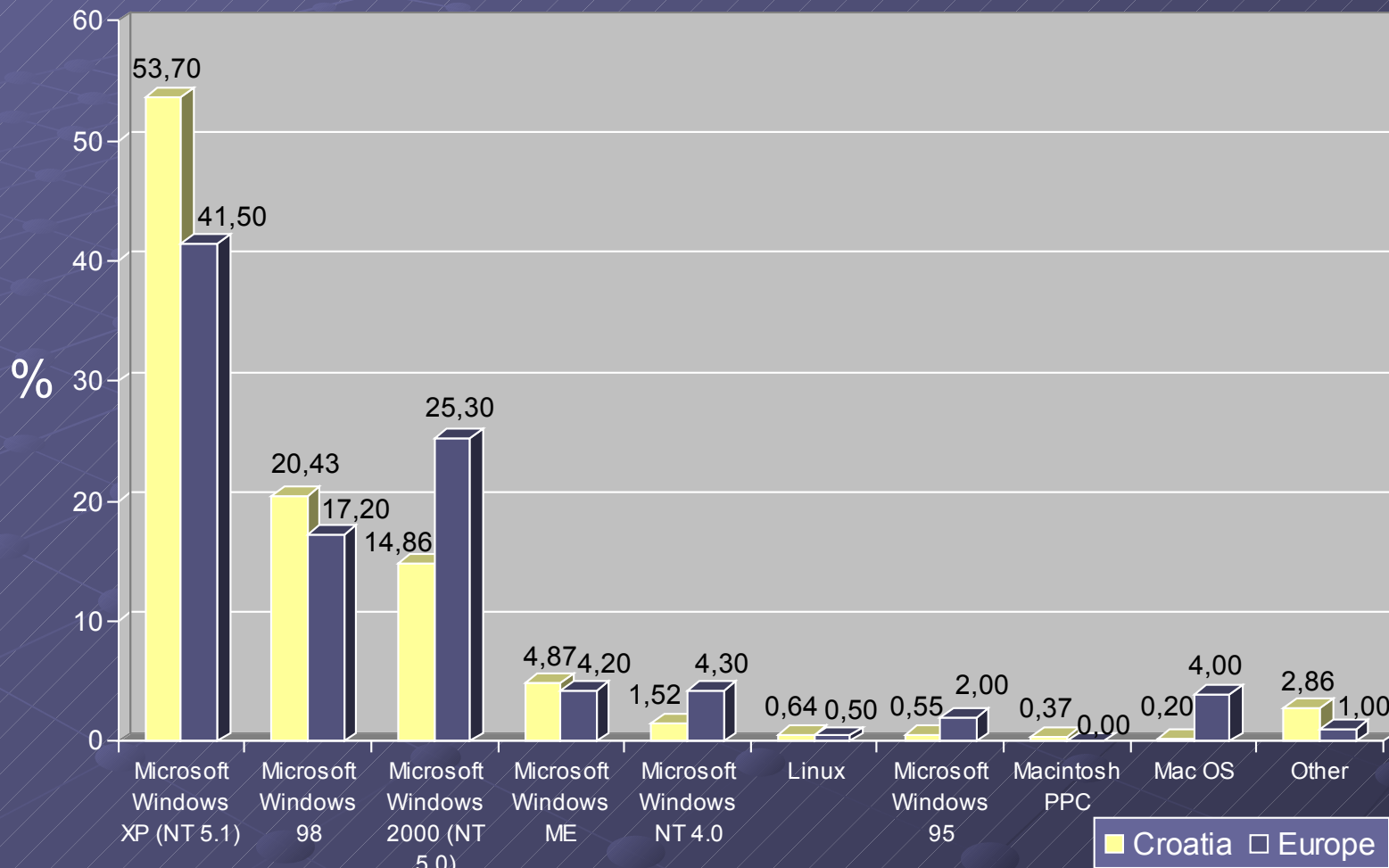
Desktop operating systems conformity with the international IT security standard ISO 15408

Rank	Operating system	% (average)	ISO 15408 EAL
1	Microsoft Windows XP (NT 5.1)	53,70	-
2	Microsoft Windows 98	20,43	-
3	Microsoft Windows 2000 (NT 5.0)	14,86	**EAL 4** (Professional, Server)
4	Microsoft Windows ME	4,87	-
5	Microsoft Windows NT 4.0	1,52	-
6	Linux	0,64	**EAL 3** (Red Hat Enterprise Linux WS, Version 3 Update 2) **EAL 3+** (SuSE Linux Enterprise Server V8, Service Pack 3, RC4)
7	Microsoft Windows 95	0,55	-
8	Macintosh PPC	0,37	-
9	Mac OS	0,20	**EAL 3** (Apple Computer Mac OS X v10.3.6 and Apple Computer Mac OS X Server v10.3.6, both with Common Criteria Tools Package)