Internet Landscape in Croatia

European Peering Forum

Split, 22. – 25. Sep 2014

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Agenda

- Internet facts about Croatia
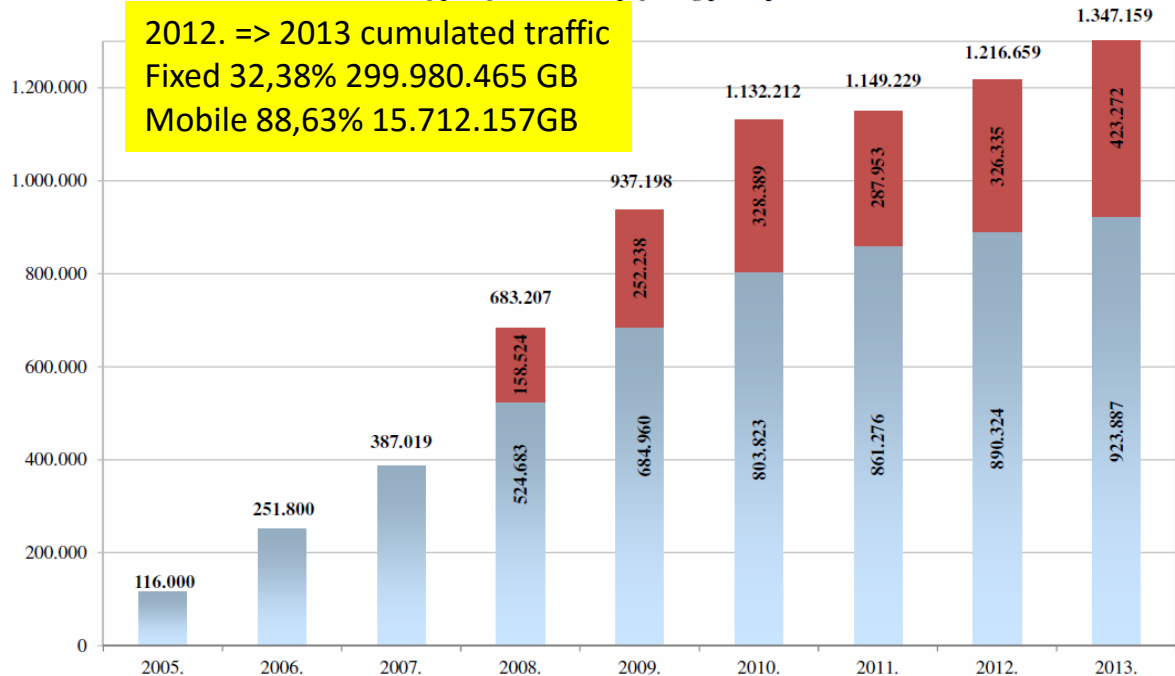- Croatian Internet exchange – An Overwiew

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CIX

Some Facts (mostly Internet) about HR

- Population ~4.253 M (2013)
- Estimated 63% of population is using Internet (2012)
- Broadband Internet access (HAKOM Q2 2014):
  - Fixed (xDSL) 936.769 subscriptions
  - Mobile 423.272 (M2M) subscriptions (2.434.946 mobile phones)
  - Density 32,19%
- Internet eXchange – CIX (established in 2000)
- HAKOM – Croatian Regulatory Agency (established in 2008), former HAT (from 2003)
- 1 July 2013 - 27th EU Member State
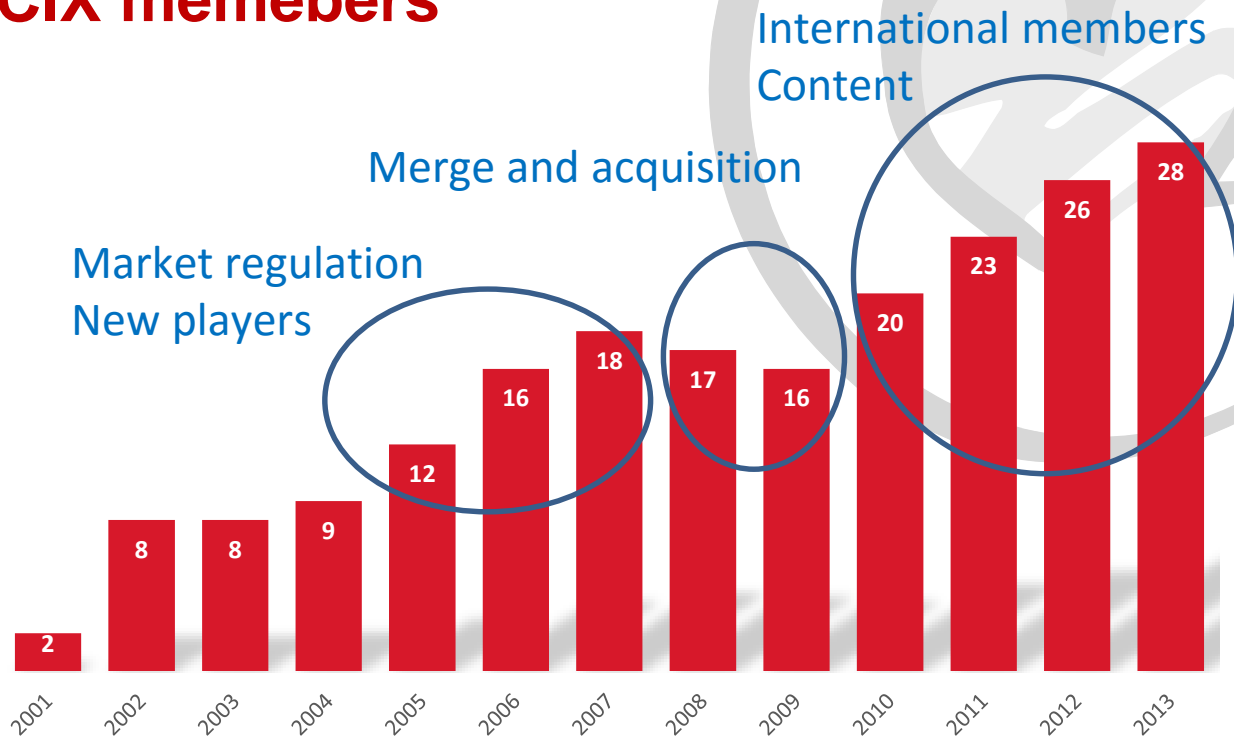
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HAKOM Broadband subscriptions

Legend: Fixed, Mobile

2012. => 2013 cumulated traffic
Fixed 32,38% 299.980.465 GB
Mobile 88,63% 15.712.157GB

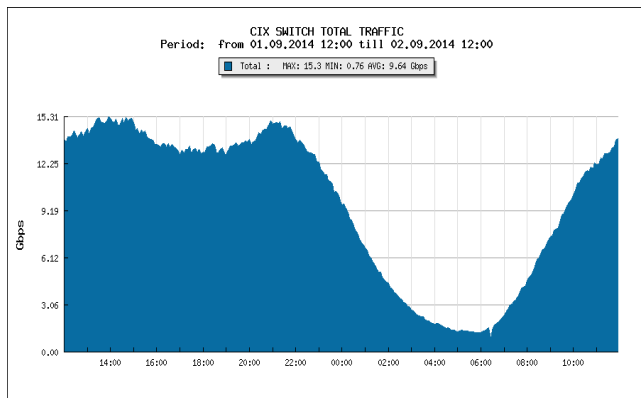| Year	Fixed	Mobile	Total
2005.			116.000
2006.			251.800
2007.			387.019
2008.	524.683	158.524	683.207
2009.	684.960	252.238	937.198
2010.	803.823	328.389	1.132.212
2011.	861.276	287.953	1.149.229
2012.	890.324	326.335	1.216.659
2013.	923.887	423.272	1.347.159

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COIX

CIX

- ❖ Croatian Internet eXchange (www.cix.hr)
- ❖ Memorandum signed by 5 ISPs in 2000
- ❖ Initiated by academic community
- ❖ Hosted and operated by SRCE
- ❖ Neutral and not-for-profit
- ❖ Available to all ISPs in Republic of Croatia, equally for commercial and non-commercial or private networks
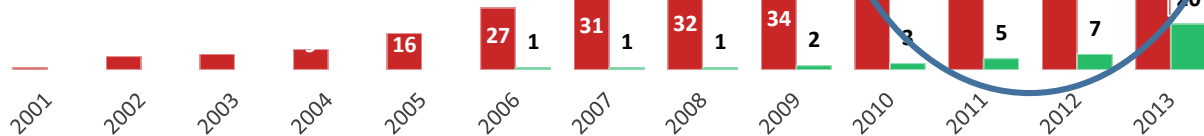
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CIX memebers

International members
Content

Merge and acquisition

Market regulation
New players

Year	Members
2001	2
2002	8
2003	8
2004	9
2005	12
2006	16
2007	18
2008	17
2009	16
2010	20
2011	23
2012	26
2013	28

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CIX traffic (PB)

CIX SWITCH TOTAL TRAFFIC
Period: from 01.09.2014 12:00 till 02.09.2014 12:00

Total : MAX: 15.3 MIN: 0.76 AVG: 9.64 Gbps

Content
GGC

	1,8	7,5	15	25

2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013.

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CIX Peerings

Questions

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Thank you !

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