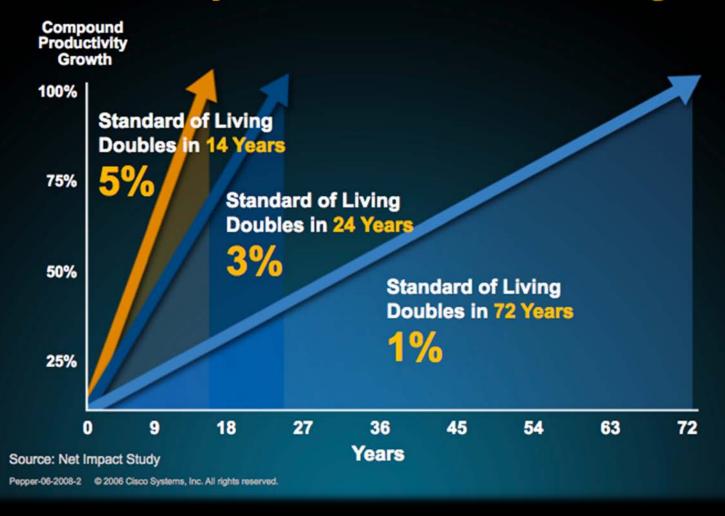


Productivity Drives Standard of Living





Jonas "Birger" Birgersson – commercial history of broadband

1993:	1995:	1998:	1999:
 Telia Strategist Telia new infrastructure project From think tank to national reformation of telecom Triggered national role ou of neutral fiber 	- Framfab - Founder & CEO - Investors; Rausing & Kamprad - No 1 Professional Internet Marketing & Design firm - Largest out side of US, 3:e	 Bredbandsbolaget Founder & Chairman Investors; Rausing, Wallenbergs, Intel, Carlyle group Partners; Cisco (Tech + Financing of 500 M USD) Starting point for modern Broadband Worlds first; 10/10, 	 ViaEuropa Investor (advisor) Chairman SA Worlds first OSEO Worlds first 1000 / 1000 (Dec 2004), built fastest wireless network (WiFi 802:11n up to
	of US, 3:e	- Worlds first; 10/10, 100 / 100, 3P (IPTV from Sidney Olympics 2000)	

Jonas "Birger" Birgersson - commercial history of broadband



"One of Europe's 50
Hottest Tech Firms"

6/2000

RED HERRING

"B2, an early example of how these technologies could transform the Internet"

2/2000

THE WALL STREET JOURNAL

Cisco and B2...
"Beating traditional telecom and cable providers to the punch on broadband"

11/1999

FINANCIAL TIMES

"Local video shop faces its biggest challenger yet"

5/2000



Ethernet Unbound "Jonas Birgersson is one reason why Sweden is kicking broadband butt" 7/2000

FORTUNE

"You Think It's DSL vs. Cable? Guess Again"

10/2000

Jonas "Birger" Birgersson – awards (selection)

Non Government Org:

- World Economic Forum
- Global Leader of Tomorrow (2000)
- Tech Pioneer (2000)
- Ernst & Young
- The Young
 Outstanding
 Person of the
 Year (2000)



Open Services Exchange for Belarus

Jonas "Birger" Birgersson – Lund (my environment)

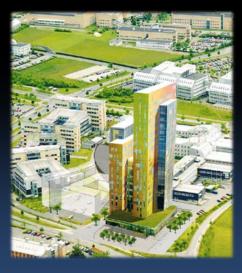
Great place for great ideas:

- Largest research university in Scandinavia
- 42 000 students (where of 4500 are PhD)
- Ideon Science Park is the oldest and largest of its kind in Scandinavia
- World class innovation (including, pacemaker, artificial kidney, GSM & Bluetooth)
- World class entrepreneurs (Rausings of Tetrapak, Ingvar Kamprad of IKEA)
- Maxlab IV USD 380 million upgrade for synchrotron radiation source
- ESS USD 1,8 billion investment in neutron source
- Gigabit broadband to 25% of households + 0,5 Gbps WiFi from ViaEuropa











Jonas "Birger" Birgersson – advisory work

Governments:

- Sweden
- Norway
- Denmark
- France
- Australia
- Singapore
- USA
- Switzerland

Universities:

- Lund
- Berkley

Companies:

- Telia
- BT
- Google
- FON
- Ericsson
- Volvo
- IKEA
- Nike





Jonas "Birger" Birgersson - effect?



Global Competitiveness

- Global Competitiveness
 Report
- Global Information Technology Report
 - Past Reports
- Global Enabling Trade Report
- Travel & Tourism
 Competitiveness Report
- Gender Gap Report
- Financial Development Report
- Africa Competitiveness Report
- Arab World Competitiveness Report
- Latin America, Private
 Investment in Infrastructure
- Lisbon Review
- Country Studies
- Partner Institutes
- * FAQs
- Buy online

Return

The Global Information Technology Report 2009-2010

Launched 25 March 2010



The report highlights the key role of ICT as an enabler of a more economically, environmentally and socially sustainable world

Sweden tops the rankings of The Global Information Technology Report 2009-2010, released today for the ninth consecutive year by the World Economic Forum. Sweden is followed by Singapore and Denmark, which was in the number one position for the last three years. Switzerland (4), the United States (5) and the other Nordic countries together with the Canada, Hong Kong and the Netherlands complete the top 10.

With an extensive coverage of 133 economies worldwide, the report remains the world's most

comprehensive and authoritative international assessment of the impact of ICT on the development process and the competitiveness of nations.

The report is produced by the World Economic Forum in cooperation with INSEAD, the leading international business school, within the framework of the World Economic Forum's Global Competitiveness Network and the Industry Partnership Programme for Information Technology and Telecommunications Industries.

View the Interactive Report >

Browse the Report >

>> Rankings in full			
Rank	Country	Score	
1	Sweden	5.65	
2	Singapore	5.64	
3	Denmark	5.54	
4	Switzerland	5.48	
5	USA	5.46	
6	Finland	5.44	
7	Canada	5.36	
8	Hong Kong	5.33	
9	Netherlands	5.32	
10	Norway	5.22	

Rankings 2009-2010 Top Ten

Related Links

News Release Report Highlights Download the entire Report

Media Coverage

Coming soon

Jonas "Birger" Birgersson – global interest



keyword or company

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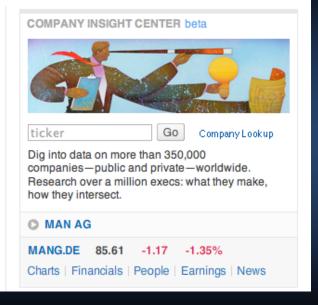
TOP STORIES

Sweden's Open Network Pioneer

ViaEuropa Chairman Jonas Birgersson says his open model offers consumers low prices and freedom of choice-and it could work in the U.S.

Energy Giants Escape Forced Breakup

At a June 6 meeting, EC ministers decide to compromise. Countries may now choose one of three models to unbundle energy interests



Jonas "Birger" Birgersson – global interest



Insights from Googlers into our products, technology, and the Google culture.

Think big with a gig: Our experimental fiber network

2/10/2010 08:00:00 AM

Imagine sitting in a rural health clinic, streaming three-dimensional medical imaging over the web and discussing a unique condition with a specialist in New York. Or downloading a high-definition, full-length feature film in less than five minutes. Or collaborating with classmates around the world while watching live 3-D video of a university lecture. Universal, ultra high-speed Internet access will make all this and more possible. We've urged the FCC to look at new and creative ways to get there in its National Broadband Plan – and today we're announcing an experiment of our own.

We're planning to build and test ultra high-speed broadband networks in a small number of trial locations across the United States. We'll deliver Internet speeds more than 100 times faster than what most Americans have access to today with 1 gigabit per second, fiber-to-the-home connections. We plan to offer service at a competitive price to at least 50,000 and potentially up to 500,000 people.

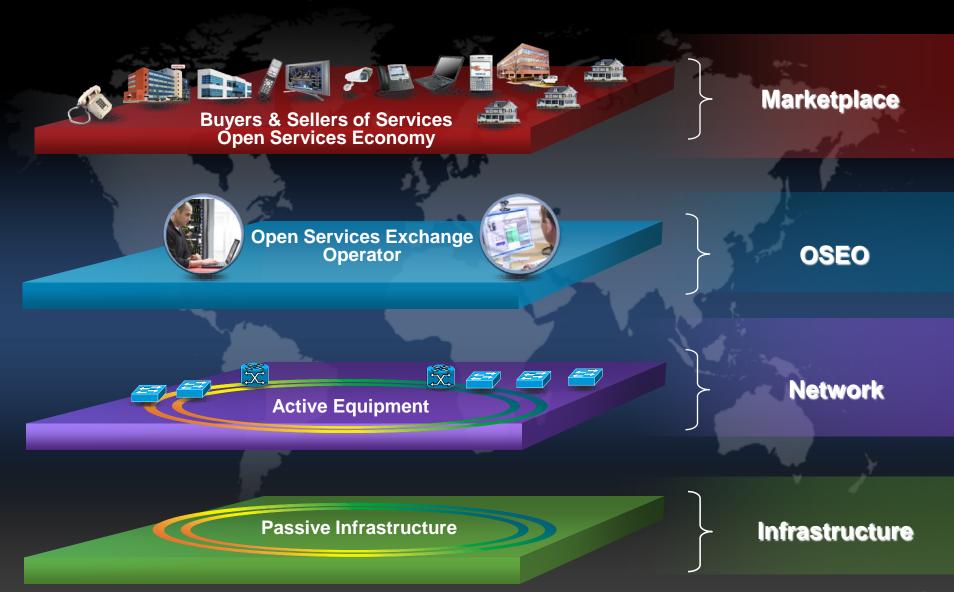
Our goal is to experiment with new ways to help make Internet access better and faster for everyone. Here are some specific things that we have in mind:

- Next generation apps: We want to see what developers and users can do with ultra high-speeds, whether it's creating new bandwidth-intensive "killer apps" and services, or other uses we can't yet imagine.
- New deployment techniques: We'll test new ways to build fiber networks, and to help inform and support deployments elsewhere, we'll share key lessons learned with the world.
- Openness and choice: We'll operate an "open access" network, giving users the
 choice of multiple service providers. And consistent with our <u>past advocacy</u>, we'll
 manage our network in an open, non-discriminatory and transparent way.

11

The Open Services Exchange Model

OSEO – combining market dynamic & natural monopoly



Scandinavian experience of building open fiber networks Example STOKAB – owned by City of Stockholm - InfraCorp

1994:

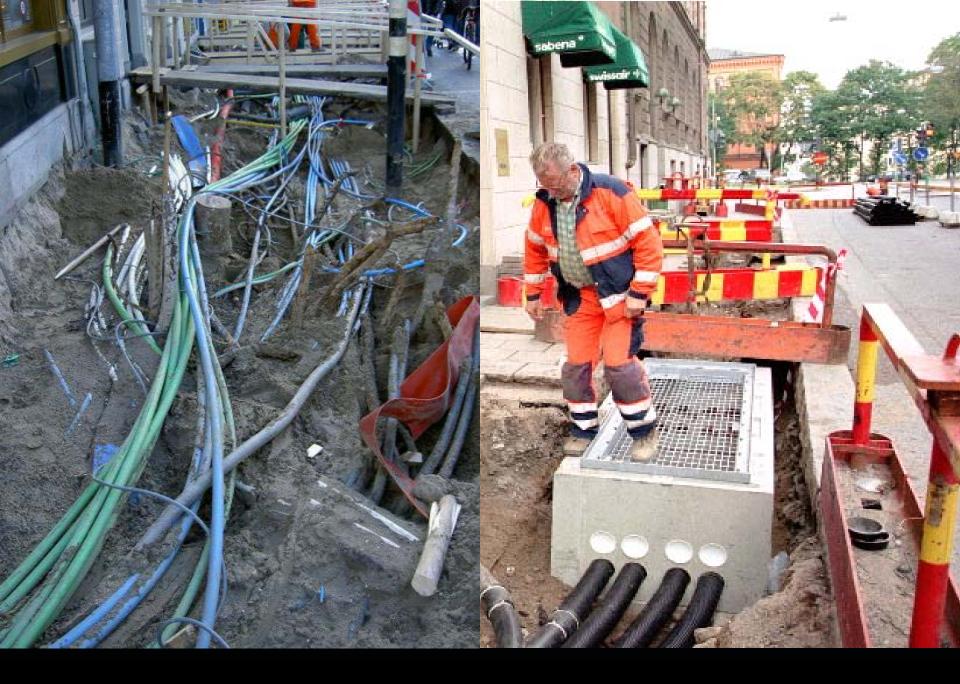
- City of Stockholm
- Transferred infrastructure (fiber) from different organization that the City controlled
- First "InfraCorp" company
- This InfraCorp to build and own all fiber infrastructure
- Strictly neutral on the market (remember that the market is fully liberalized)
- All parties accepted this concept (because of strict neutrality)
- More that 1,200,000 km of fiber
- More than 5,500 km of cable
- Profit margin last year was 30%

Rest of Sweden:

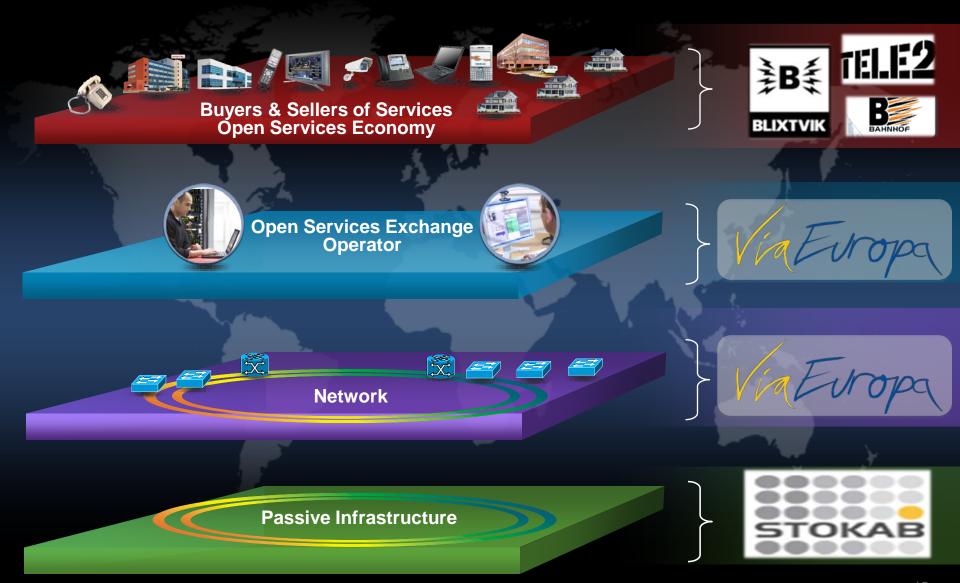
 More then 200 other local InfraCorps







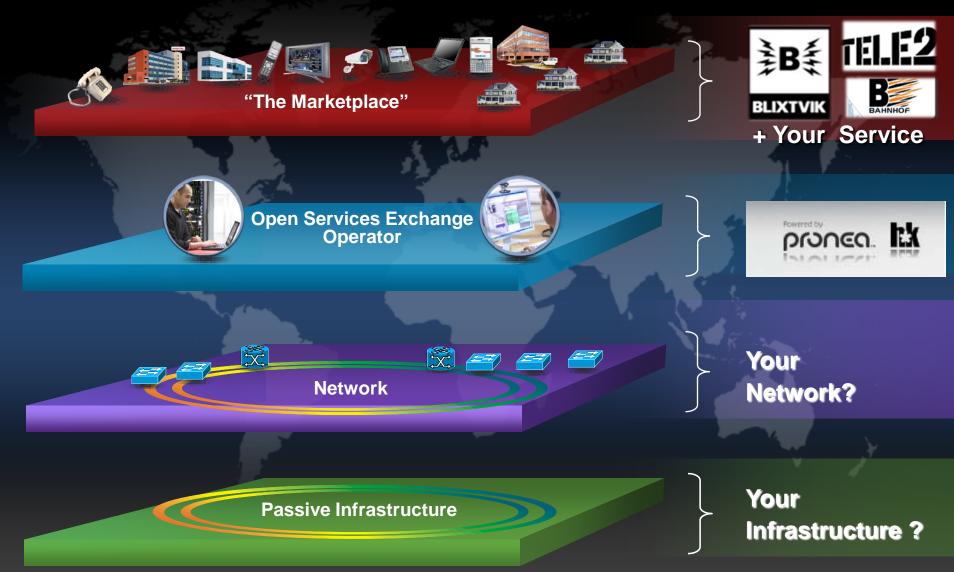
The Open Services Exchange Model HSEF 1999 - 2010





The Open Services Exchange Model

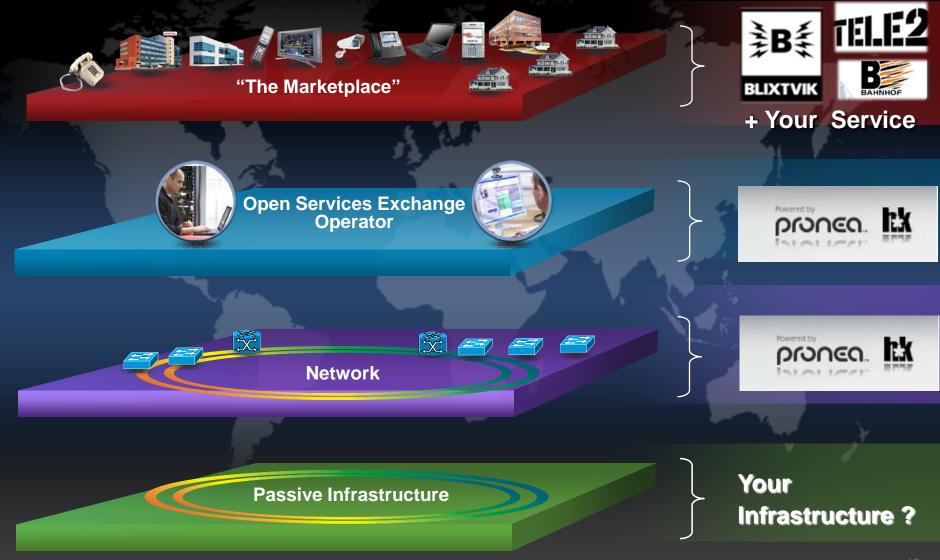
Pronea 2008 - 2010



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The Open Services Exchange Model

Pronea 2008 - 2010



-18

BYNETT



Med Bynett får du lynraskt Internett:

- Like raskt ved både henting og sending
- Raskere nettbank
- · Jobb mer effektivt hjemme
- Stabilt og sikkert
- Perfekt ved flerbrukere
- Stort utvalg i hastigheterMarkedets beste?







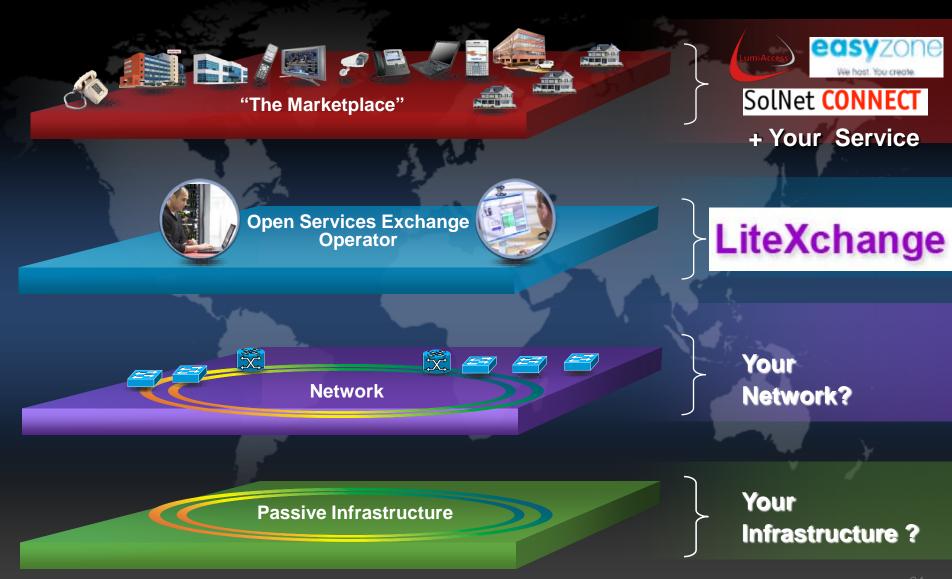
OSLO BYNETT





The Open Services Exchange Model

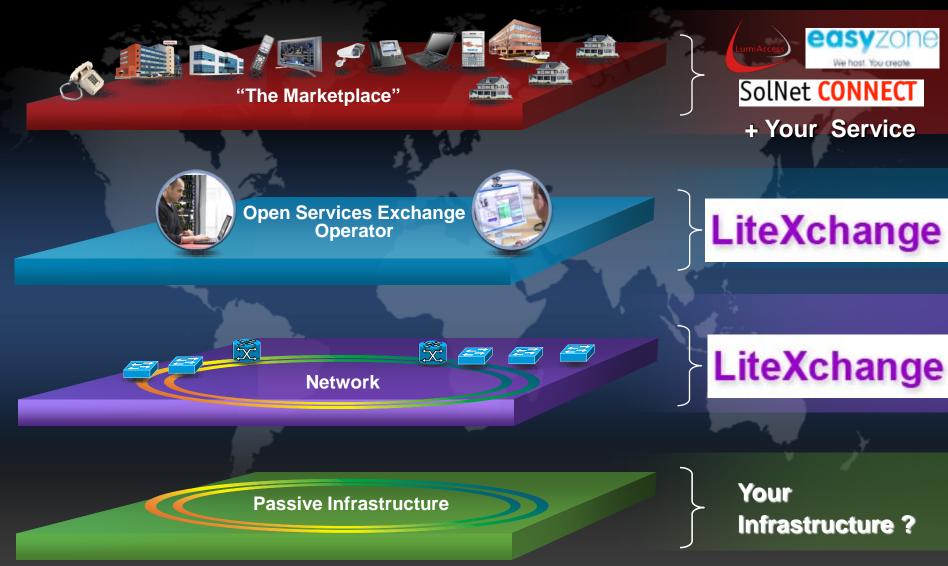
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The Open Services Exchange Model

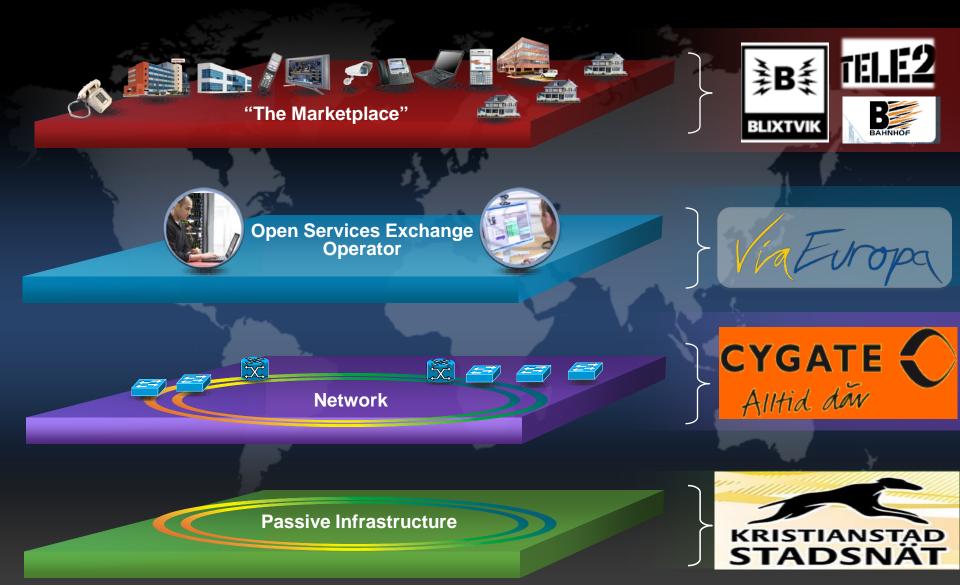
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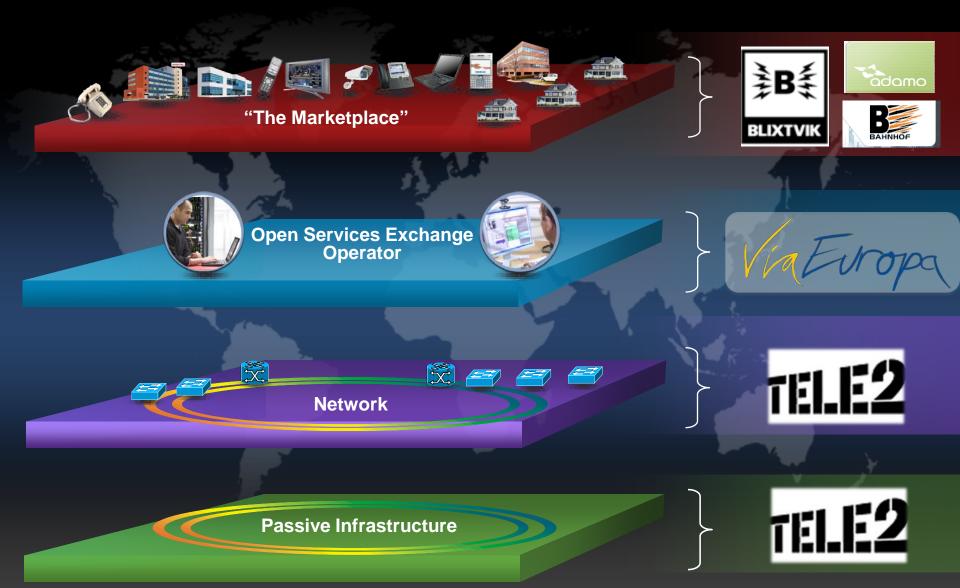
The Open Services Exchange Model C4 Energi 2007 - 2010



27

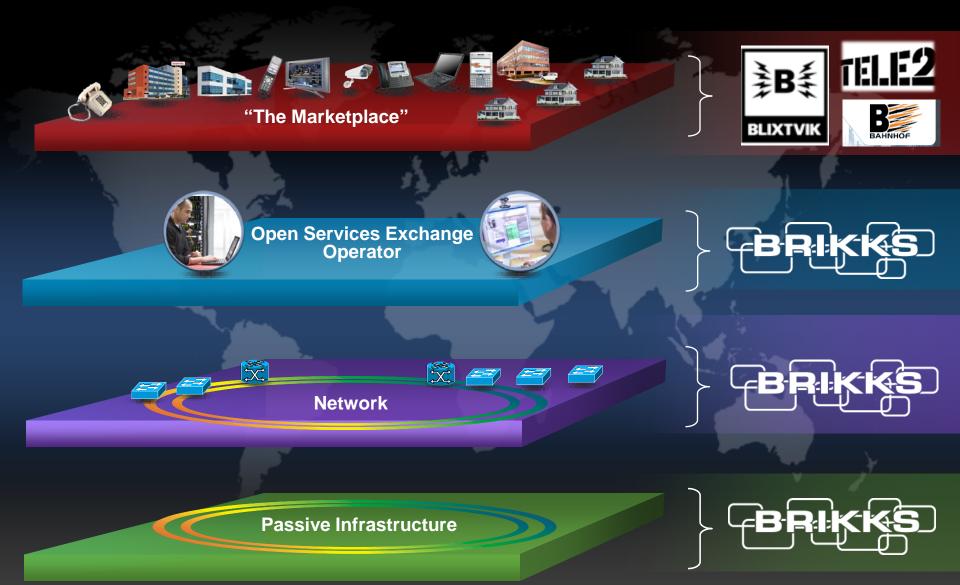
The Open Services Exchange Model

Norrköping ½ Hyresbostäder 2010



- 28

The Open Services Exchange Model C4 Energi - 2009





Det här ingår

Erbjudande

Paketpris

Hastigheter & priser

Villkor

Systemkrav

Guider

Hastigheter och priser

Prislistan för Telia Bredband »

12-24 Mbit/s

Bredare än brett. Fortare än fort.

Valet för dig som vill surfa, spela online och ladda hem film och musik snabbare än någonsin förut.

- . Upp till 24 Mbit/s nedströms och upp till 2,5 Mbit/s uppströms
- Pris: 359 kr/mån

6-8 Mbit/s

För dig som skickar och tar emot tunga filer.

Eller vill se film direkt på webben. Rekommenderas till familjen där fler delar på bandbredden.

- . Upp till 8 Mbit/s nedströms och upp till 0,8 Mbit/s uppströms
- Pris: 309 kr/mån

1,5-2 Mbit/s

Full tillgång till internets alla möjligheter.

Lyssna på webbradio, ladda hem tunga dokument och spela online.

- . Upp till 2 Mbit/s nedströms och upp till 0,4 Mbit/s uppströms
- Pris: 252 kr/mån

30



Beskrivning



Priser



329 :-

Snabbt och billigt bredband

24 Mbit/s

Fr. 279 kr/man.

Med 24 Mbit/s får du en hastighet från 12 upp till 24 Mbit/s. När du spelar spel på nätet, laddar hem riktigt tunga filer och vill att det ska gå löjligt fort.

8 Mbit/s

Fr. 229 kr/mån.

Med 8 Mbit/s får du en hastighet från 6 upp till 8 Mbit/s. Perfekt om det finns fler datorer i hemmet och ni vill att det ska gå riktigt fort.

2 Mbit/s

Fr. 199 kr/mån.

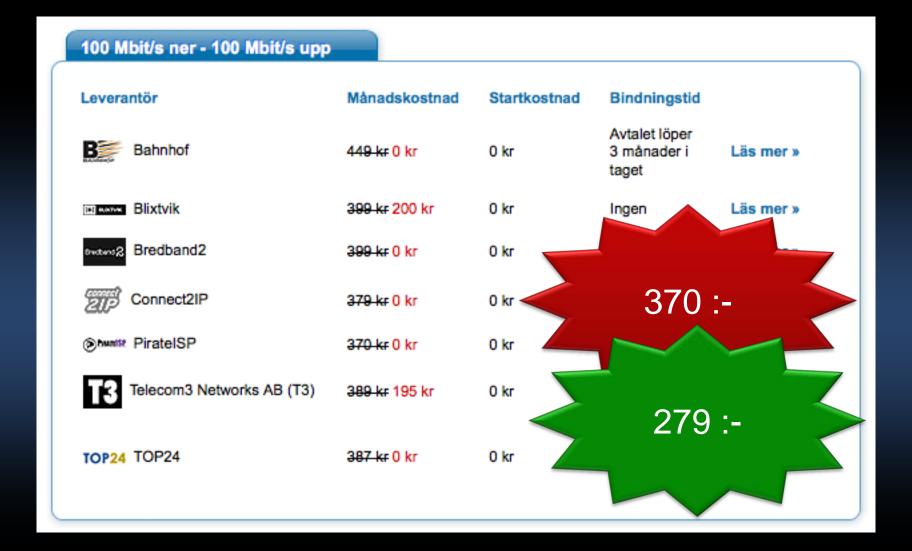
Med 2 Mbit/s får du en hastighet från 1,5 upp till 2 Mbit/s. Surfa snabbt, lyssna på webbradio och tv och hämta tyngre filer.

Tele2 har hastighets-garanti.

Läs mer

* Priserna på bredbandet gäller för dig som har eller skaffar hemtelefoni hos Tele2. För dig som enbart vill ha bredband hos Tele2 tillkommer 50 kr/mån på bredbandet.







Viasat - Open Choice



□PEN→ CH□ICE Digital-TV via bredbandsuttaget.

En box - flera leverantörer. Läs mer om konceptet Open Choice »

Vi ger dig underhållning på dina villkor.

Namn

Open Choice Digital-TV



CanalDigital



Canal Digital

Digital-TV via bredbandsuttaget

Det personliga valet för underhållning och kommunikation. Canal Digitals affärsidé är att paketera och leverera det mest attraktiva TV-utbudet till TV-tittarna.

Namn

Digital-TV

Läs mer »

Better Broadband Business



Open Services Exchange Operation in Infrastructure Implementation – starting point of OSEO in – Skåne



Open Services Exchange Operation in Infrastructure Implementation – starting point of OSEO in – Skåne













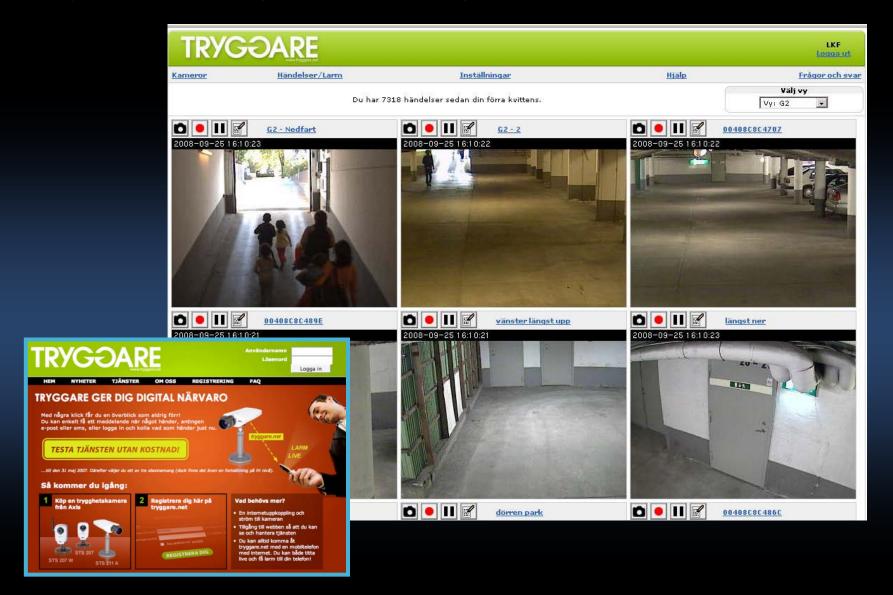




Open Services Exchange Operation in Infrastructure Implementation – phase 1 – Example new service



Open Services Exchange Operation in Infrastructure Implementation – phase 1 – Example new service











"Teracom-skandalen x 2"

"Telia – prisdumpning x 2"

"Rouge Stadsnät"