



VISION Cloud – Making an impact Leaving a legacy

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VISION Cloud: Virtualized Storage Services Foundation for the Future Internet

Scope: Storage in the Cloud

Challenge: How could it be better, easier and more secure?

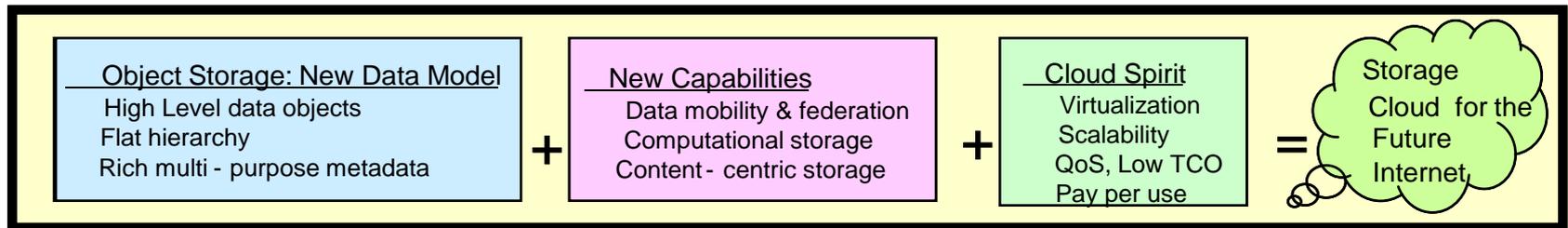
Objective: Architect and implement an **infrastructure** for the **reliable** and **effective** delivery of **data-intensive storage services**, facilitating the convergence of ICT, media and telecommunications.





VISION Cloud has been visionary from the outset

At the proposal stage we identified the need for **new fundamental and generic capabilities** for cloud storage supported in the storage system.



- **Rich metadata** and **storlets** as fundamental enablers
- **Content centric approach** to simplify the way objects are accessed
- **Data mobility** and **federation** to avoid data lock-in
- **Enterprise capabilities** to enable use for mainstream business activities such as compliance, secure access, flexible SLAs, etc.



VISION Cloud is a solution platform!

Rich metadata

- Supported as integral part of the storage system

- Enables accessing objects according to their content and relationships

- Provides management directives to the storage system

Storlets: safe and secure computation in the storage system

- Exploit computation resources in the storage system

- Avoid the network overhead

- Keep the data safer

- Extend storage system function

➤ *Rich metadata and storlets transform object storage from a storage platform to an extendible solution and application platform*



A solution platform eliminating data lock-in

Strengthening open standards

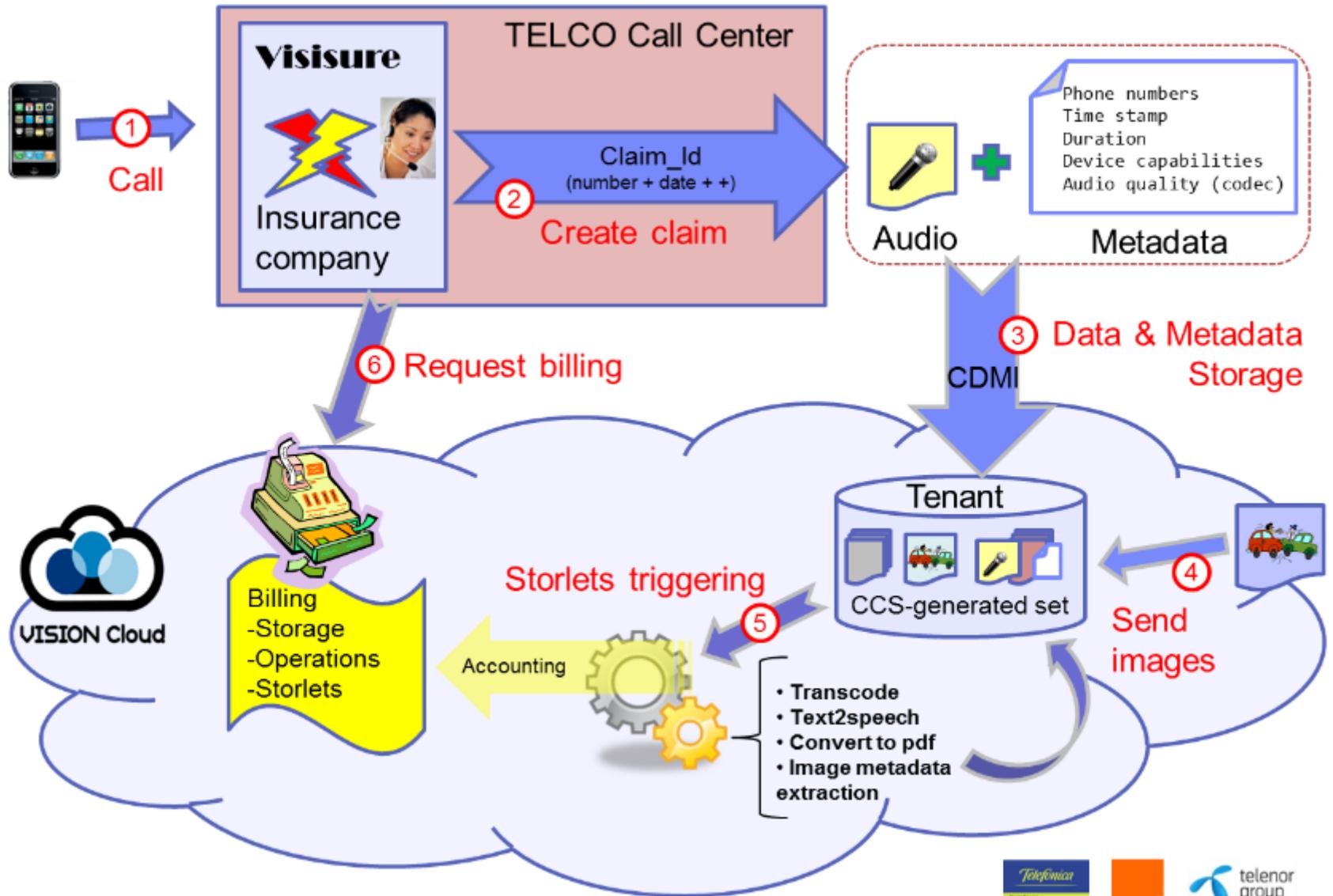
- VISION Cloud has been one of first implementers of CDMI and has found several deficiencies and worked to get them fixed in the standard
- Leading vendors (e.g., Amazon, Google, etc.) have remained with proprietary APIs

Attacking the problem of data lock-in through on-boarding federation

- Data can be on-boarded to a VISION Cloud using existing third-party interfaces
- On-boarding occurs on-demand and in the background

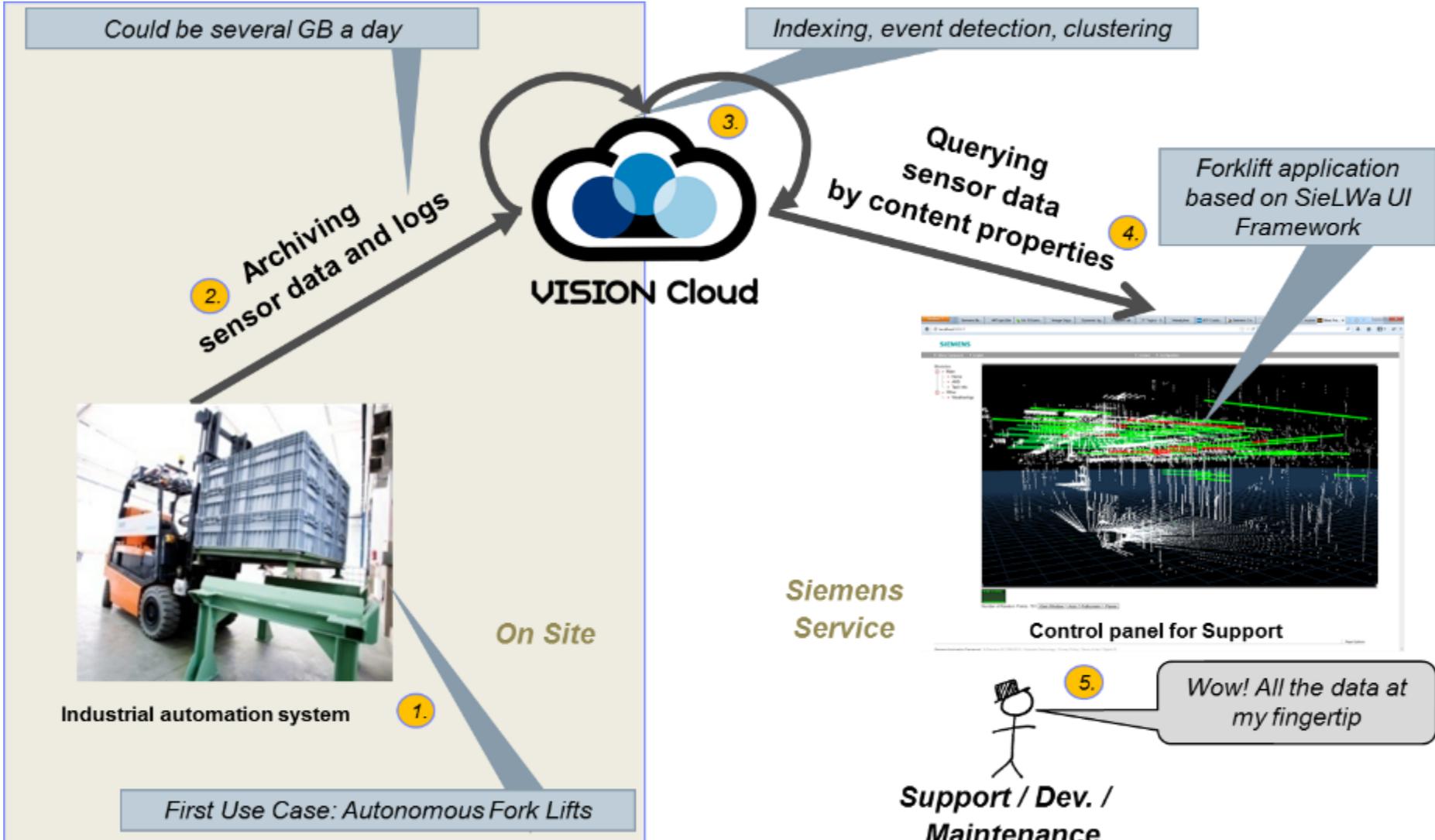


A solution platform for telco



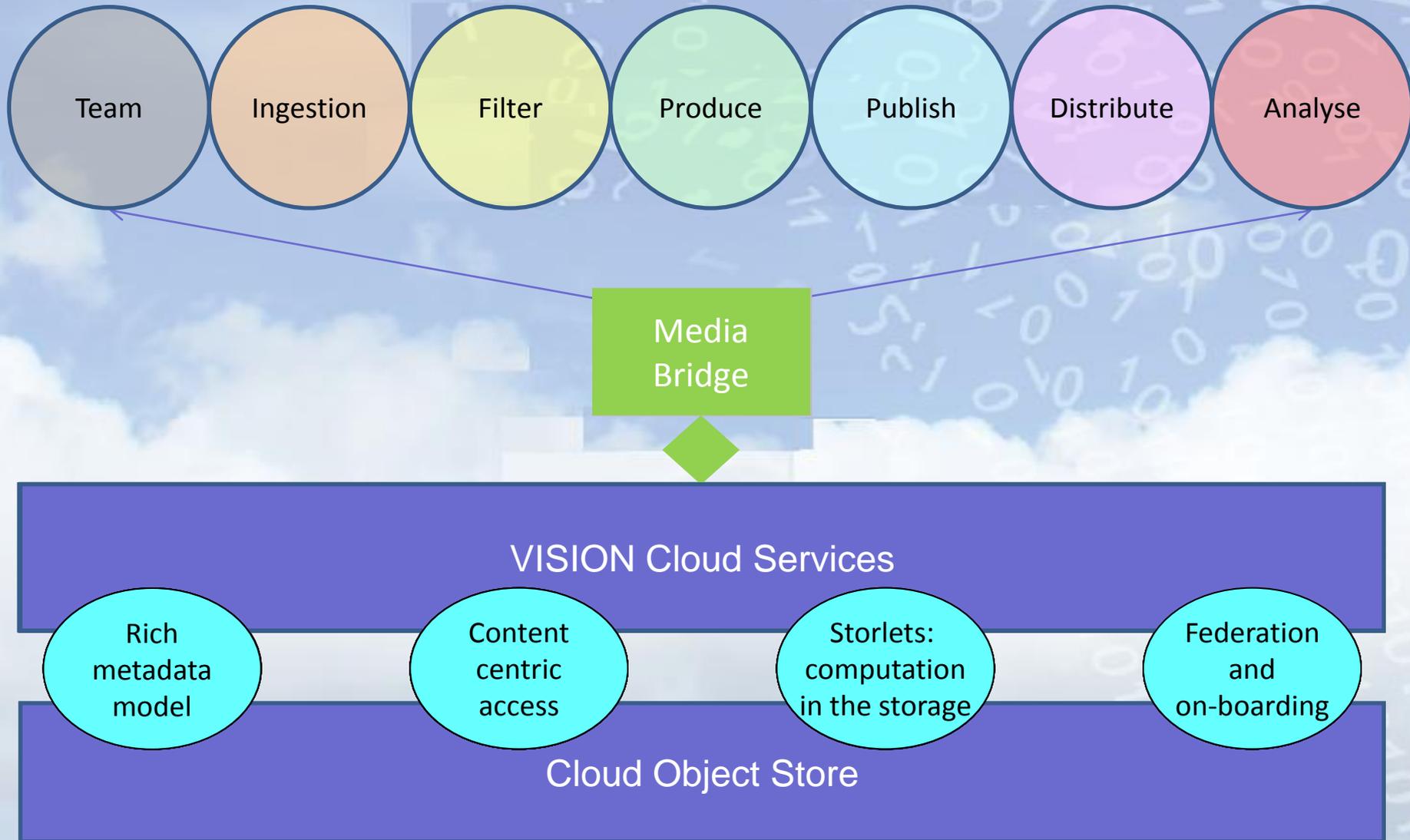


A solution platform for autonomous industrial systems





A solution platform for media that won the IBC 2013 Special Award





VISION Cloud at IBC 2013

IBC is Europe's largest media tradeshow

Over 50,000 visitors from around the world



... and VISION Cloud was this year's winner of the IBC Innovation Award





Leveraging IBC...

VISION Cloud presented a paper at IBC and demonstrated in a booth .

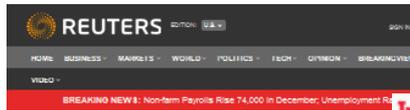
Flyers from partners advertised VISION Cloud spinoff technologies and products.

IBC released a press release announcing the award which was translated into several languages.





References in Press



IBC Awards look back 100 years and forward to the cloud

Mon Sep 16, 2013 12:26pm EDT
Reuters is not responsible for the content in the press release.

IBC Awards look back 100 years and forward to the cloud

PR Newswire

LONDON, Sept. 16, 2013

InformationWeek

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IBC Recognises Pioneering Practical Cloud Development

InformationWeek, August 30, 2013

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PR Newswire

LONDON, Aug. 30, 2013

LONDON, Aug. 30, 2013 /PRNewswire/ - The Vision Cloud project, part of the European Commission's FP7 research and innovation programme, set out to bring together users, vendors and academics to develop the principles by which services and storage in the cloud can best be used for media. Because of its wide collaboration and practical outcomes, IBC is to present the project with a Special Award.

10:39 AM EST

10:39a It's scientifically official: We still need men (whew)

10:37a Stock market live blog: The jobs-day streak; Tiffany glitters; Sears stampede

10:36a Elizabeth Warren lukewarm on Stanley Fischer as

10:35a DOW -43.69 NASDAQ -5.68

10:34a S&P 500 -0.27% 4,150.81 -0.13%

10:33a S&P 500 -3.54

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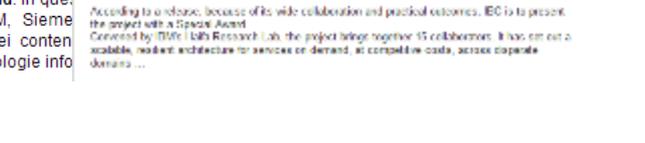
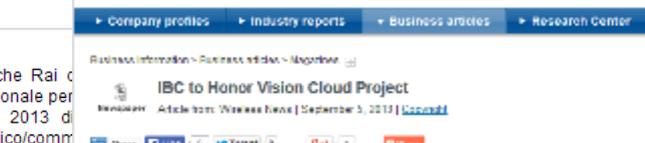
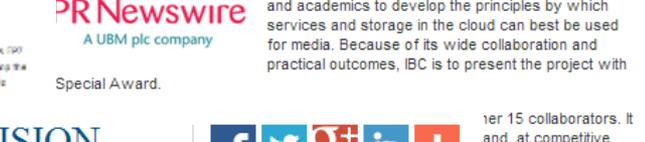
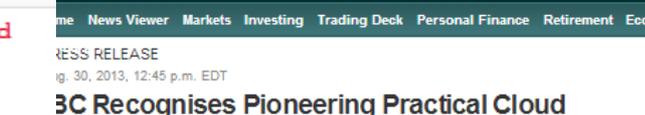
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The clip was presented Sunday during the "Hobbit" helmer Peter Jackson.

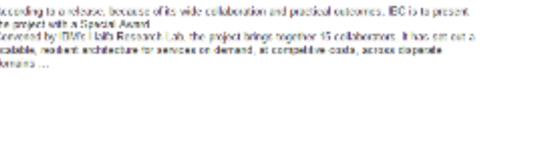
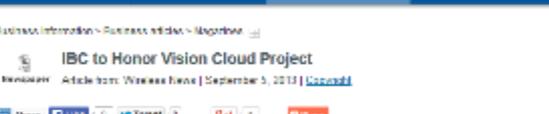
Premiato per il progetto "VISION Cloud" il Centro Ricerche Rai di Torino

Mi piace | Condividi | Piace a 24 persone. Registrati per vedere cosa piacciono i tuoi amici.



Il Centro Ricerche Rai ha vinto il premio internazionale per il Cloud, all'IBC 2013 di Londra, in occasione della conferenza tecnico/commerciale sulla distribuzione dei contenuti mondiale assieme al NAB. I visitatori rappresentanti di tutto il mondo.

Il riconoscimento è stato ottenuto grazie alla partecipazione da parte della Commissione Europea, denominato VISION Cloud. In questo premio, il Centro Ricerche Rai si è classificato al primo posto all'avanguardia per la memorizzazione informatica dei contenuti, grandi archivi digitali e la produzione tv basata su tecnologie info





A strong web site gave high visibility

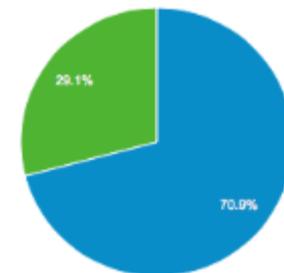
Over 25,000 unique visitors...



25,009 people visited this site



■ New Visitor ■ Returning Visitor





Continuing the VISION Cloud legacy

The project placed a strong emphasis on partner exploitation from the very start of the project...

In the final review, industrial partners presented their exploitation plans, with three closed door sessions presented by executives from IBM, TID, SAP



Thank you!

<http://www.visioncloud.eu>

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