

eSTATISTIK.core - A Digital Link between Business and Statistics

**21th Voorburg Group meeting on service statistics
Wiesbaden, 09-13 October 2006**

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Introducing eSTATISTIK.core

- **CORE** : **C**ommon **O**nline **R**aw data **E**ntry
- **eSTATISTIK** : statistics as an active contributor to eGovernment
- Embedded in the strategic programme of the German statistical offices
- Aligned with national eGovernment initiatives

The core of .CORE

- **A new procedure for the primary collection of raw data from businesses and authorities**
- **Integrates IT systems of respondents into the data collection system, allowing reporting to become a fully automated and seamless workflow**
- **Includes methodological improvements**
- **Main objectives: disburden respondents, increase data collection efficiency and data quality**
- **Initiated 03/2003, productive 03/2005**
- **Partners: Statistical offices and AWW**

Complex reporting channels

Manual entry, small data volumes,
little or no standardisation

Paper



Multiple, parallel reporting,
various procedures/formats

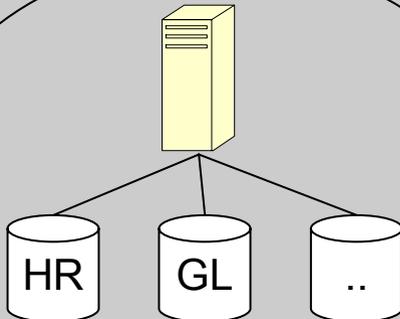
Web



Phone, fax



Internal workflow,
little or no support
by standard ERP
software



Large data volumes, but no
standard procedures/formats

**Business data
management
systems (ERP)**

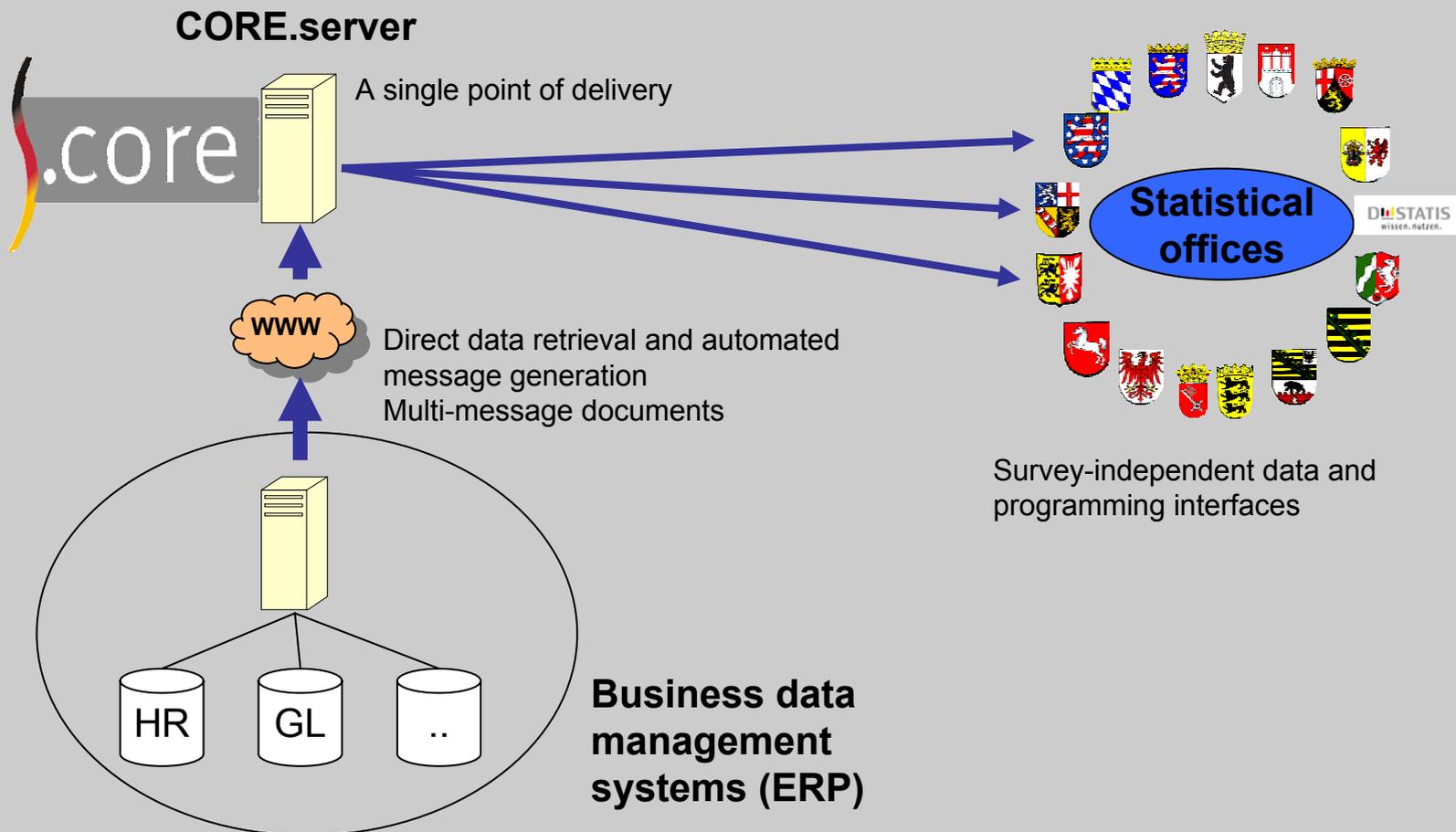
**Statistical
offices**

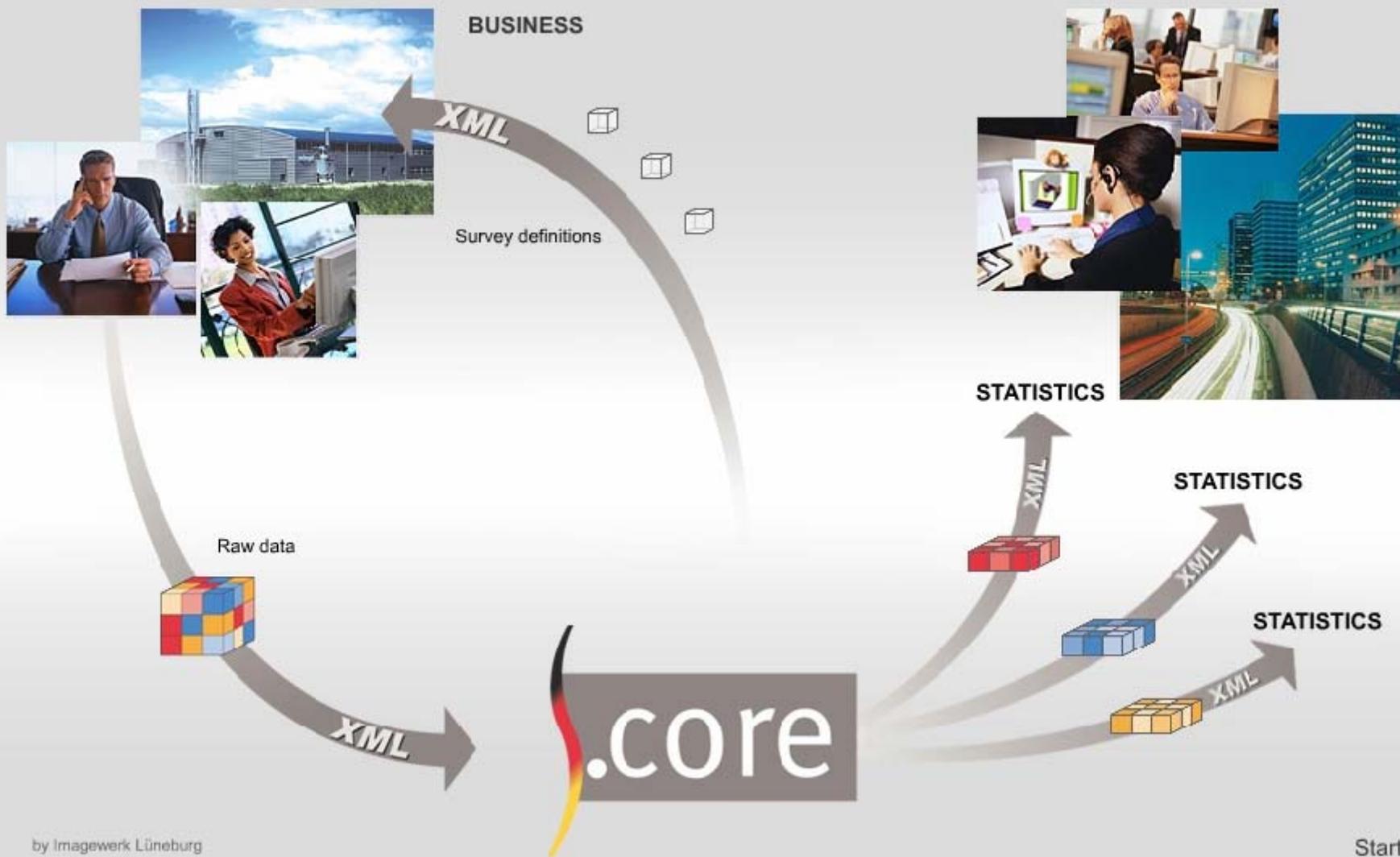


A multiplicity of data collection
procedures

“Many faces to the customer”

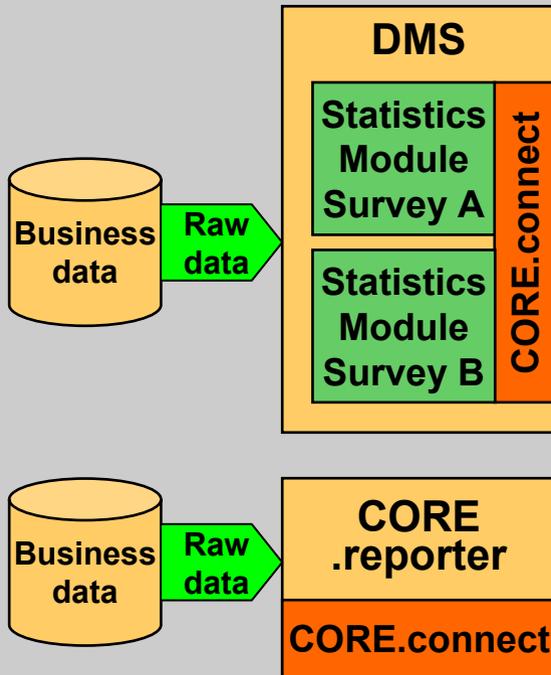
The .CORE reporting channel



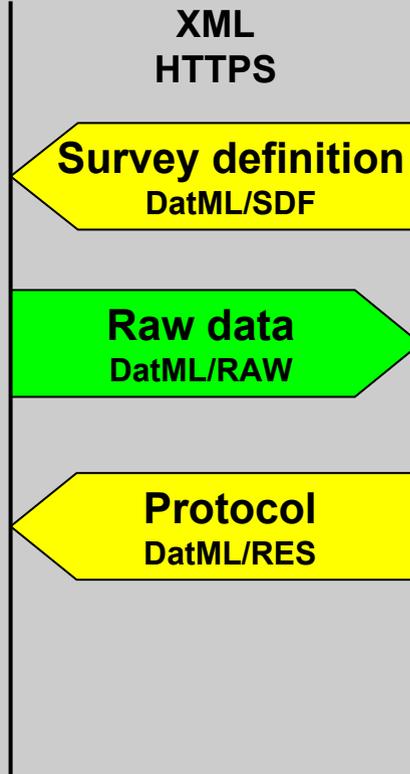


Architecture

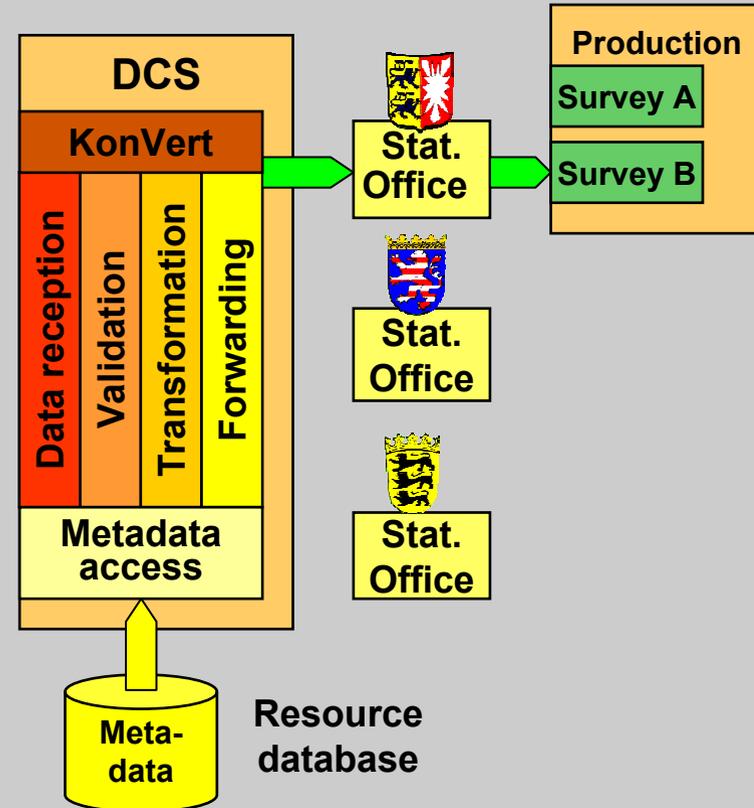
Business



Transport



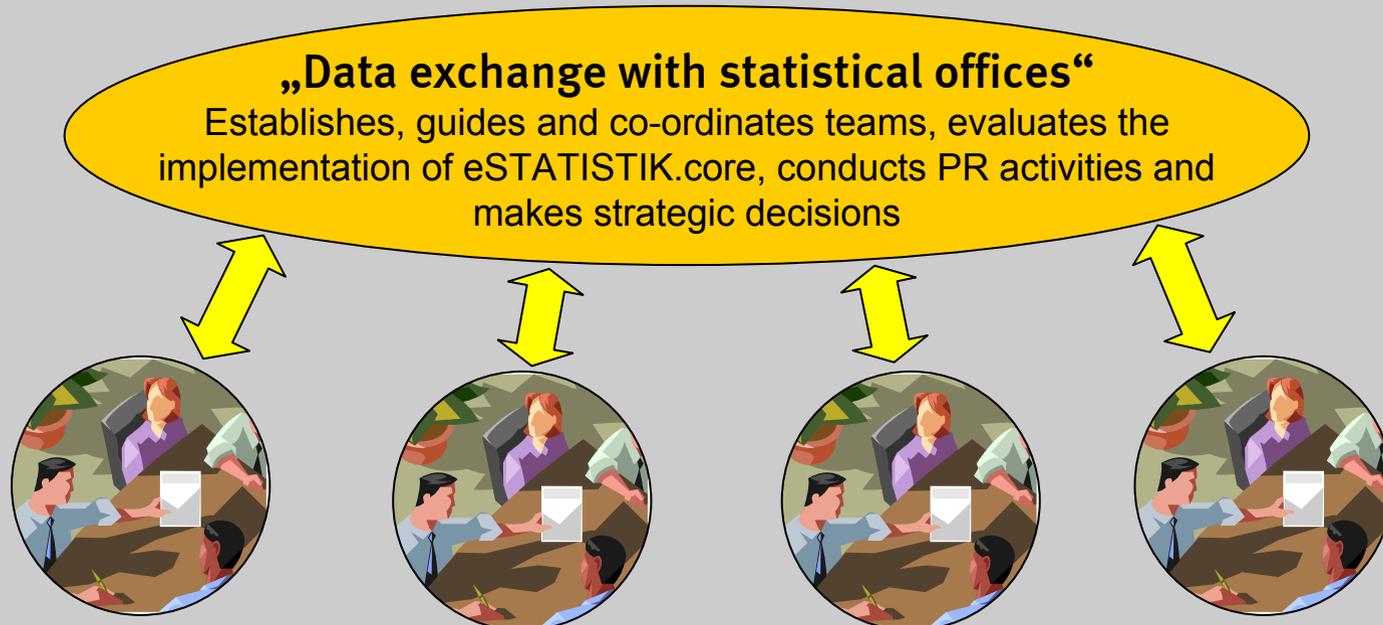
Statistics



Decision-making and implementation (I)

Strategic working group

AWV, statistical offices, SW producers, respondents, associations



„Data exchange with statistical offices“

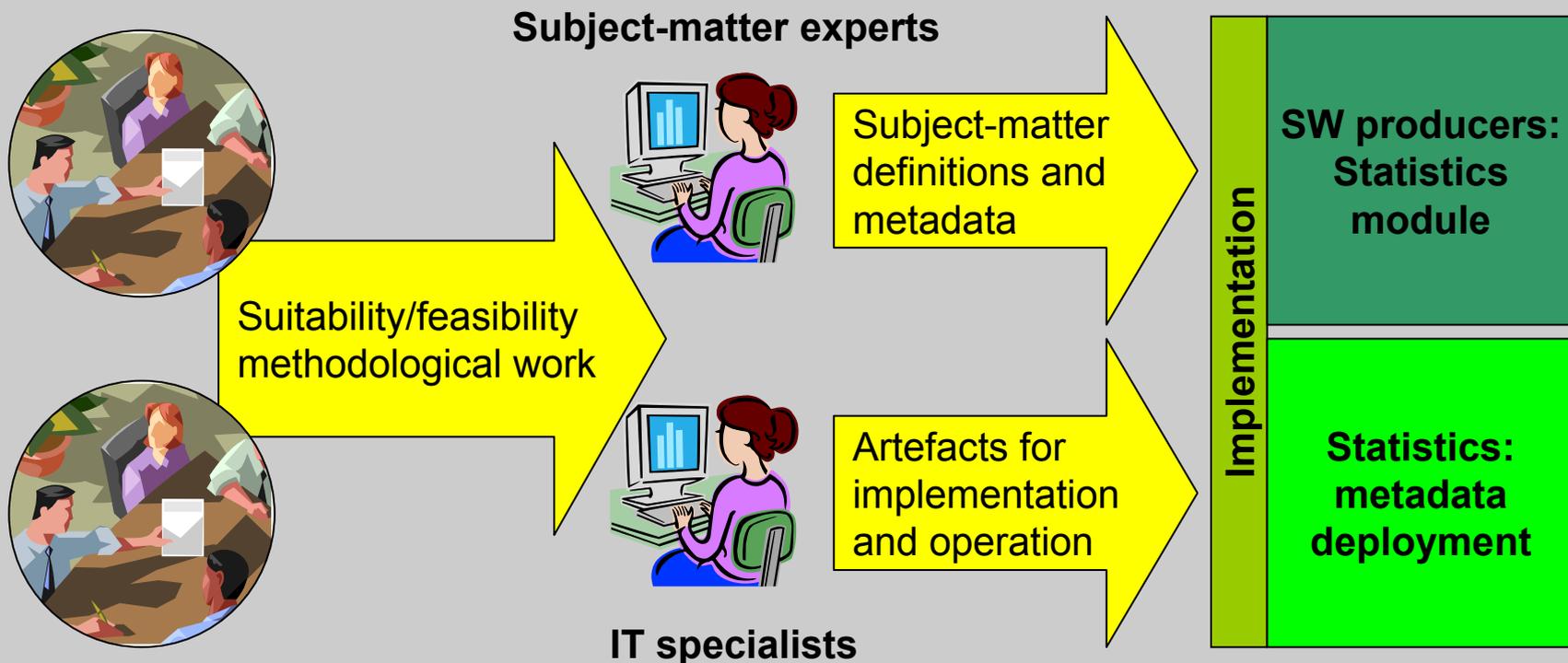
Establishes, guides and co-ordinates teams, evaluates the implementation of eSTATISTIK.core, conducts PR activities and makes strategic decisions

Domain-specific teams

Statistics, respondents, SW producers, service providers

Decision-making and implementation (II)

Domain-specific teams



Achievements

- **Server-side system productive since March 2005**
- **Supports 28 surveys in 8 statistical domains**
- **16 surveys are currently receiving raw data**
- **Steadily growing number of implementations and users**
- **Server-side system is stable and actively used**
 - **Continuous development, several minor releases**
- **A widely accepted solution**
 - **Intensive co-operation and marketing**

Awards

- **Winner of the 5th eGovernment Competition 2005, category “Economy and Labour“**
- **Speyer Quality Award 2005, category “Electronic Government“**
- **Winner of the BundOnline Superstar 2005, category “G2B“**
- **Best Practice Case at the 4th Quality Conference for Public Administrations in the EU, Tampere/Finland, 2006**

Some remarks on quality

- **“Give us the data you have and we see what we can make of it”**
 - Facilitates data provision for respondents
 - Reduces errors by avoiding to make respondents transform or calculate data

- **Improved description, fewer interpretation errors**
 - Alignment of statistical terms to business terms facilitates understanding
 - Standardised documentation for SW producers

- **System-provided data**
 - Fewer human interventions = increased coherence and consistence of data over time and per respondent

Future work

■ **Statistical activities**

- Add support for further surveys

■ **Marketing activities**

- Targeting SW producers and respondents in specific business domains

■ **Technological activities**

- Integration with the on-line data collection system IDEV
- XML input data base for facilitating access to XML messages
- Alignment with similar reporting channels (taxes, health)
- Improved conformance with eGovernment standards

Information and contacts:

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**Thank you very much
for your attention!**

Any questions?

