Reporting 3.0

How we started and there we are?

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Deputy Director General of Statistics Estonia in the field of technology and data science



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Reporting 3.0 (government view)

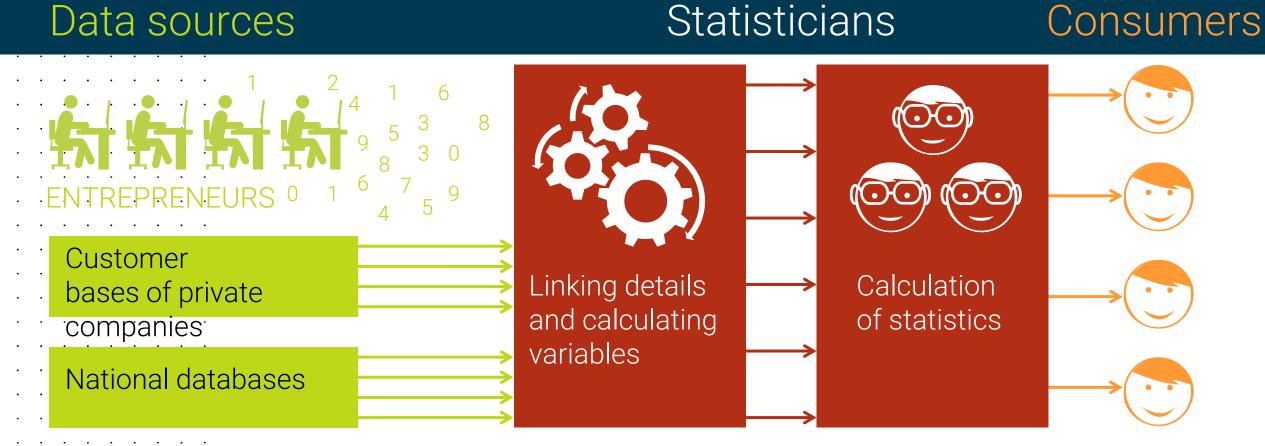
Project Reporting 3.0, which derives from the zero-bureaucracy initiative, is cooperation with business software developers and entrepreneurs to work out a solution for the movement of data from the respondents' accounts to goverment users

Reporting 3.0 (business view)

- Data is easy send to goverment vs. login in into different portals and filling out forms
- National classifications are in use centrally
- The same data can be used by different parties in the country
- Time savings (administrative burden is reduced (currently 300,000 hours per year))
- More detailed and timely information back (ex. comparisons with focus group)



Front view



eSTAT submission of data, paper report

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In summary - what will change?

- The data required by the state can be sent directly from the ERP software at once (in the same file together with labor taxes, e-invoicing, foreign trade, etc.),
- When changing laws (assuming that no new data is needed), entrepreneurs do not have to make changes to the business software themselves, the state makes these changes in the calculations itself.
- The intermediate results themselves do not need to be aggregated, data transmission is sufficient, public authorities (s.hg Statistics Estonia) compiles and fills in various questionnaires (they do not need to be approved either)
- The state itself proposes a common standard that is needed in economic software for data to be exchanged with the state. To this end, the state works together to reconcile different needs. As an example of a product / service classification by four classifiers with different content
 - CN (Combined Nomeclature (EU own)),
 - BEC (Broad Economic Categories (UN)
 - SITC (Standard International Trade Classification (UN) own)
 - EBOPS (Extended Balance of Payment Services (OECD)
 - ... Now one and a common KTTY

The present situation

Where are we now?

AA 3.0 Stage 1 - Wages and salaries

- Parties Statistics Estonia (currently the project carrier), Eesti Pank, EAMT
- Possibility to fill in automatically:
 - SA monthly report "Wages and salaries" (Questionnaire code 14622020, deadline of the report on the 18th day of the month, in the sample 7221 companies) and other salary-related reports
 - Tax Office can be partially filled tax forms (currently under development)

A. PALK JA TÖÖJÕUD

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Palun kõik palgaliigid kirjeldada ühekordselt, s.t et ükski palgaliik ei sisaldu teises. Brutopalga saamiseks palgaliigid summeeritakse (read 5 kuni 11).

		Kokku	Täistööajaga töötajad	Osalise tööajaga töötajad
		1	2	3
1. TÖÖJÕUD JA TÖÖTATUD TUNNID				
Töötajate arv aruandekuul, kes on tasu teeninud (puudumisel sisestage 0)	1			
Täistööajale taandatud keskmine töötajate arv (kahe kümnendkohaga)	2			
Töötatud tundide arv (tuhandetes tundides kahè kümnendkohaga) Vabade tasustatud ametikohtade arv aruandekuu lõpul, s.o vastloodud, vaba	3			
Vabade tasustatud ametikohtade arv aruandekuu lõpul, s.o vastloodud, vaba või vabaks saav ametikoht, mille puhul kavatseb tööandja ametikoha täita (puudumisel sisestage 0).	4		x	
2. TÖÖJÕUKULUD	X			
2.1 BRUTOPALK, euro	x1			
Põhitöötasu koos igakuise regulaarse lisatasu ja preemiaga	5			
Tasu ületunnitöö eest	6			
Lisatasu öötöö ja riigipühal töötamise eest	7			
Ebaregulaarsed lisatasud ja preemiad	8			
Tasu mittetöötatud aja eest (nt tasu puhkuse või tööalasel koolitusel viibitud aja eest jms)	9			
Mitterahaline tasu (nt kaudsed toetused töötajale; tasu toote või teenusena; sõidu, eluasemekulude kompenseerimine jms)	10			
Soidu, eiuasemekulude kompenseenmine jms)	11			
Tööandja maksed töötajate hoiuskeemidesse 2.2 SOTSIAALMAKS KOOS TOETUSTE JA HÜVITISTEGA, euro	x2			
	12			
Sotsiaalmaks	12			

Data collection of the wage and labor cost report

- 1. Agency reg. code
- 2. Reporting period the beginning
- 3. Reporting period end
- 4. Identity number or non-resident code
- 5. Date of birth
- 6. First name
- 7. Last name
- 8. Labor costs sum
- 9. Types of labor costs X
- 10. Working hours
- 11. Amount
- 12. Taxable types of payments
- 13. Declared sums species X
- 14. Certificate A1 (E101) issued by Country
- 15. Type of employment
- 16. Working location Country
- 17. Working hours rate
- 18. Month standard hours
- 10. MOTHET Statiual a Hours
- 19. Place of employment 20. Title
- 21. Working registry entry ID
- 22. Working suspension ID
- 22. Working Suspensio
- 23. Payout maker
- 24. Agreement comment
- 25. Work note from the person authorizing it
- 26. Entry type
- 27. Working stopping and termination
- 28. Other information
- 29. Economic content
- 30. (Initial)date
- 31. End date
- 32. Specification of the date

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XBRL GL data model

%Key_xbrl_1BE6F08ED5E850C5 xsi:schemaLocation organizationIdentifier organizationDescription organizationDescription/contextRef organizationIdentifier/contextRef entriesType uniqueID language creationDate creator entriesComment periodCoveredStart periodCoveredEnd sourceApplication defaultCurrency defaultCurrency/contextRef sourceApplication/contextRef periodCoveredEnd/contextRef periodCoveredStart/contextRef entriesComment/contextRef creator/contextRef creationDate/contextRef language/contextRef uniqueID/contextRef entriesType/contextRef context/id instant identifier scheme xlink:href xlink:arcrole xlink:type

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%Key_xbrl_1BE6F08ED5E850C5

sourceJournalID

sourceJournalDescription
entryType
entryNumber
entryComment
entryComment
entryComment/contextRef
entryNumber/contextRef
entryType/contextRef
sourceJournalDescription/contextRef
sourceJournalID/contextRef

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accountSub

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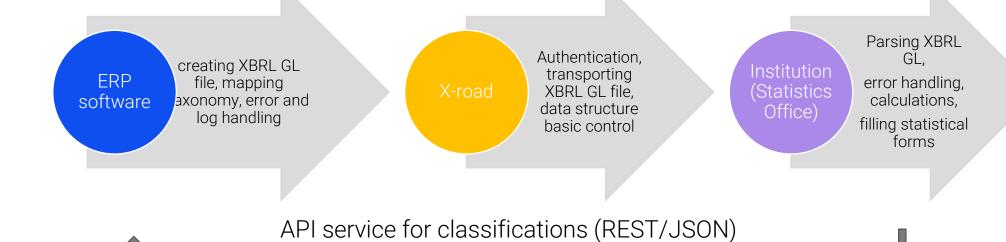
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Architecture



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AA 3.0 schedule

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Stage 1 - Wages and labor	Q2 2019
• Stage 2 - Business months questionnaires	
 MODULE: FOREIGN TRADE AND INDUSTRY (integrated, including goods and services) services 	es) Q3 2020
MODULE: RETAIL TRADE	Q4 2020
• Stage 3 - Business quarterly questionnaires:	
ENTERPRISES ECONOMIC INDICATORS	Q4 2020
• Stage 4 - Business annual questionnaires:	
ENTERPRISES ECONOMIC INDICATORS	Q4 2020
• Stage 5 - Business special questionnaires :	
MODULE: PM and ENVIRONMENT	Q1 2021
 MODULE: ENERGY (incl. FUEL) and TRANSPORT 	Q1 2021
Stage 6 - Assets / liabilities development of taxonomy	Q4 2021
Stage 7 - Accommodation data	Q1 2022

Thank you!

Questions?

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