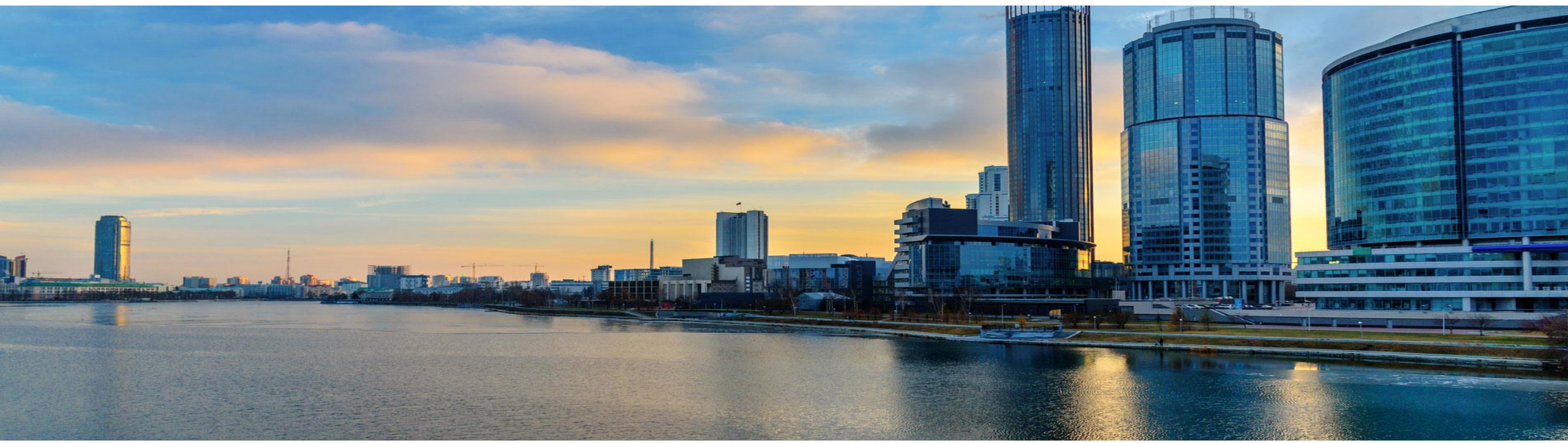

Digital Oncology: The role of IT-solutions in early cancer diagnostics

Igor Philippov, Oncology Group Lead, Roche Diagnostics Rus

International Medical Device Regulators Forum, 16-19 September 2019, Yekaterinburg



National Healthcare Program 2019-2024 in Oncology

Proper framework needs to be established in order to succeed



Decrease cancer mortality

Increase fertility rate



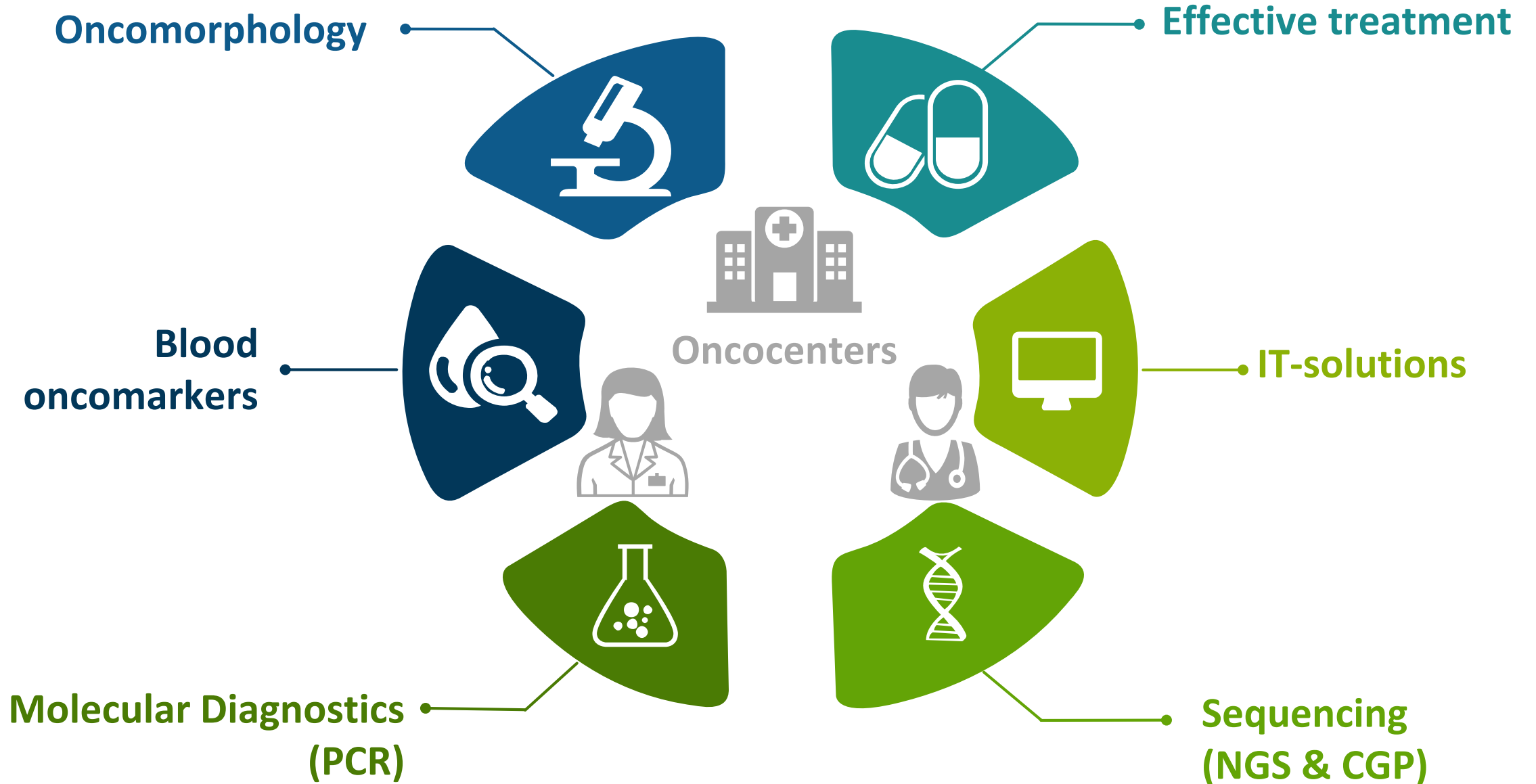
**Significant Governmental
investments (~ 976 bln RUB)**

Focus on early diagnostic

Patient-centric approach



Patient's needs in Oncology requires multi-disciplinary approach



Patient-centric approach

Patient's needs in Oncology requires multi-disciplinary approach

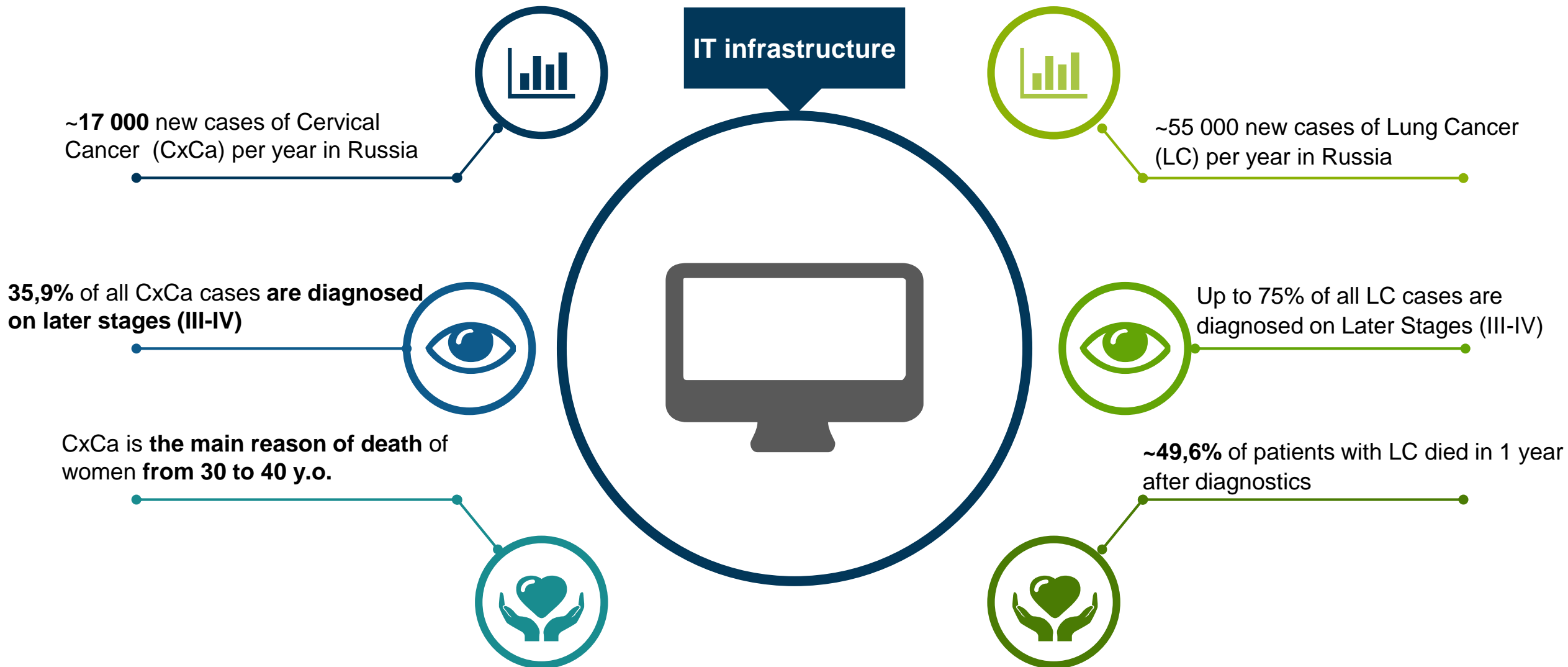




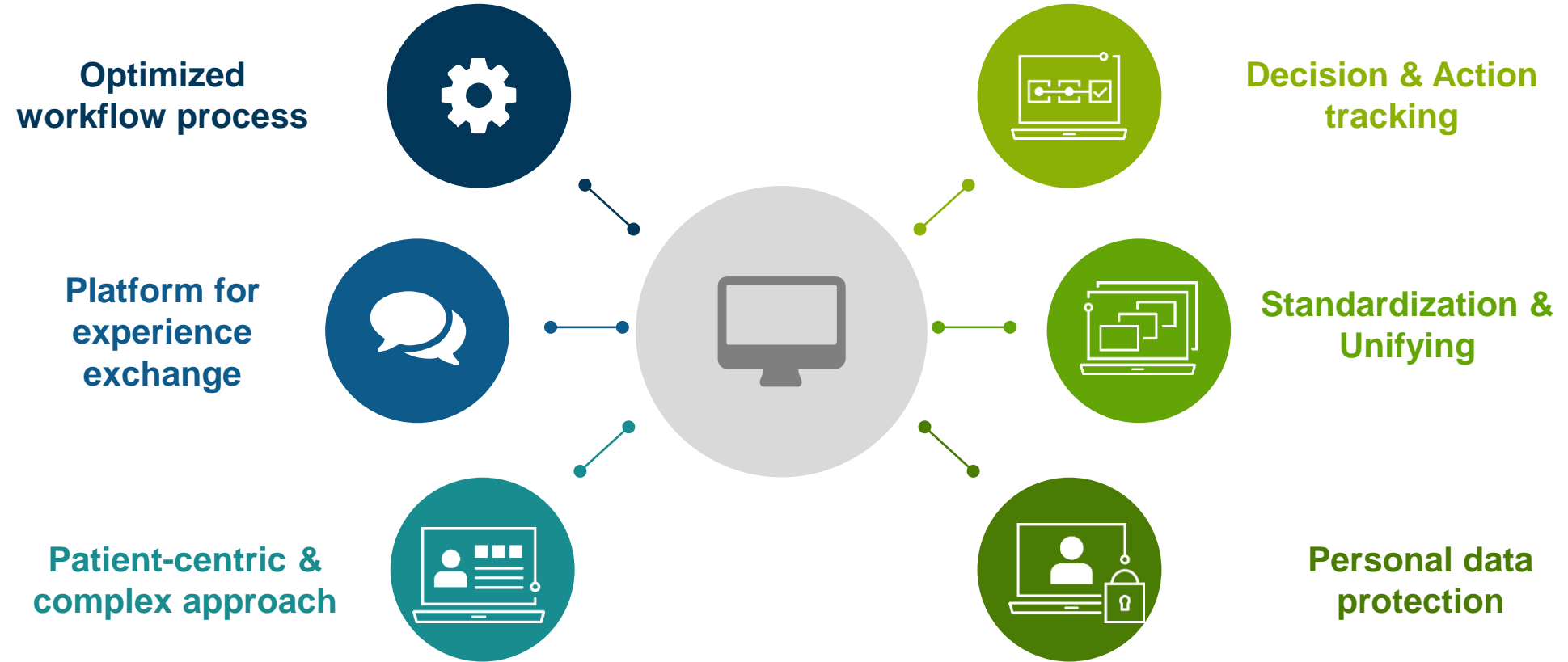
3 leveled (LBC, HPV Test, p16ki67 test) CxCa Screening Program



NGS Registration and development for LC early diagnostics and treatment (CDx)



Modern IT-solutions requirements



IT – solutions yes/no?

IT is about updates
New version = new registration?

Are you up-to-date?
When all trials are done – you already old-fashioned

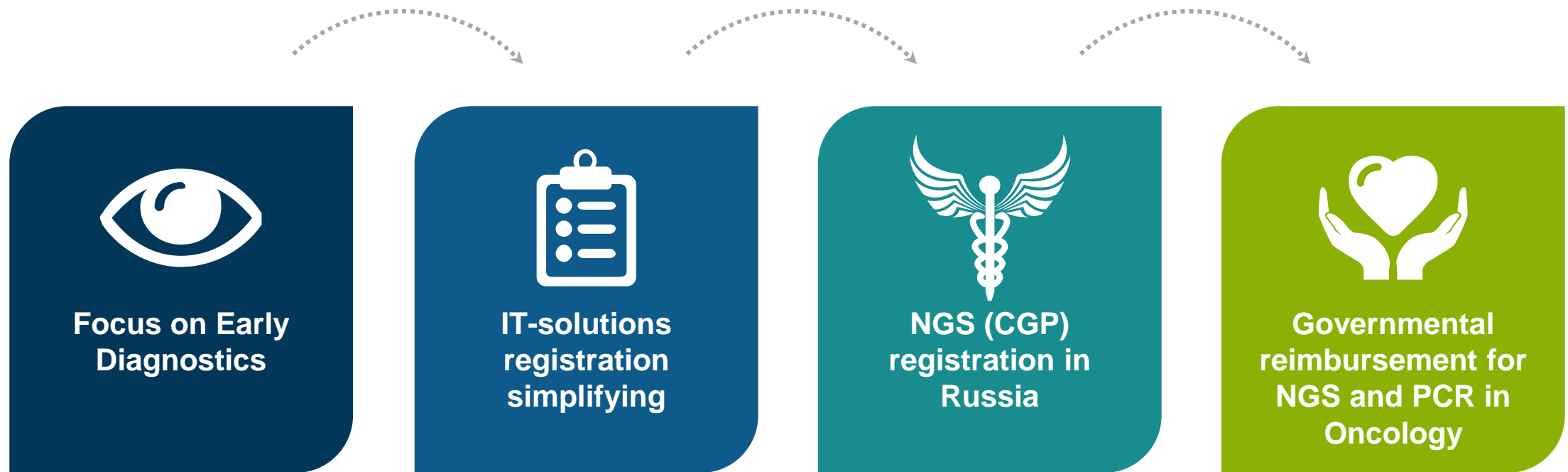
Timelines are crucial
Tech + Clinical trials may last up to 1 year

Quality and Safety should remain on top



New approach needed
Russian Federal Law No. 323 with taking into account all features & requirements of software products used for medical purposes.

4 steps into CDx approach



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***Doing now what patients need
next***