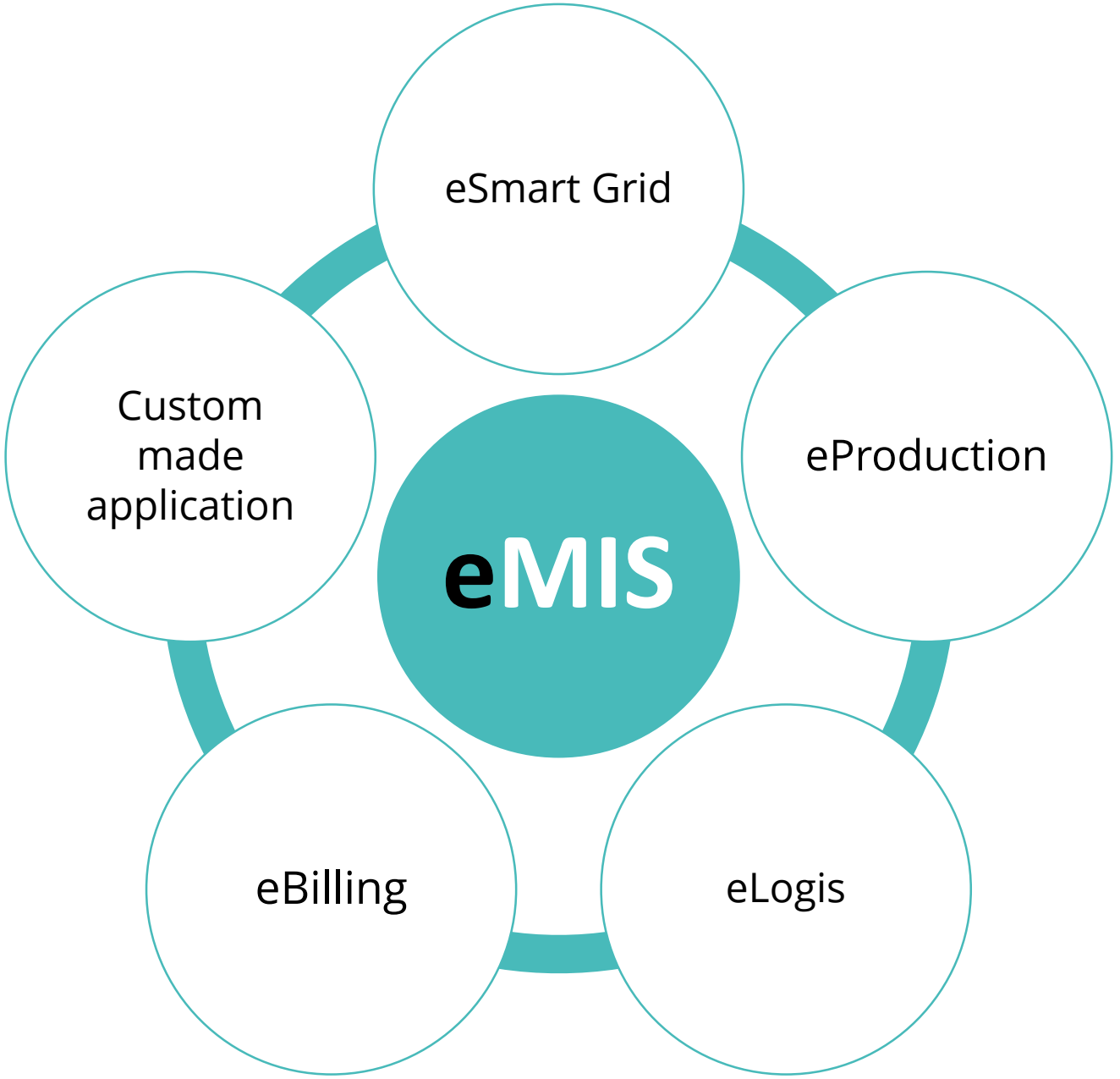
eMIS Digitalization

eMIS | eMIS

Platform for digitalization of processes



eMIS

eMIS – *„Digitalization of processes“*

eMis is „Front-end“ web base user platform for Digitalization of processes, providing monitoring of data, business processes, energy consumption, activity tracking with functionality for data analysis, who are key for monitoring, control, decision making and management.

Business processes are improving if we measure them, analyze, monitor them and taking actions.

MEASUREMENT + ANALYSIS + KEY PARAMETERS MONITORING = EFFECTIVNESS and SAVINGS

DIGITALIZATION

eMis solutions covers all phases for easy, fast, user-friendly and effective **decision making** for monitoring and improvements of business processes.

„Don't work harder, work smarter“

eMIS | eMIS

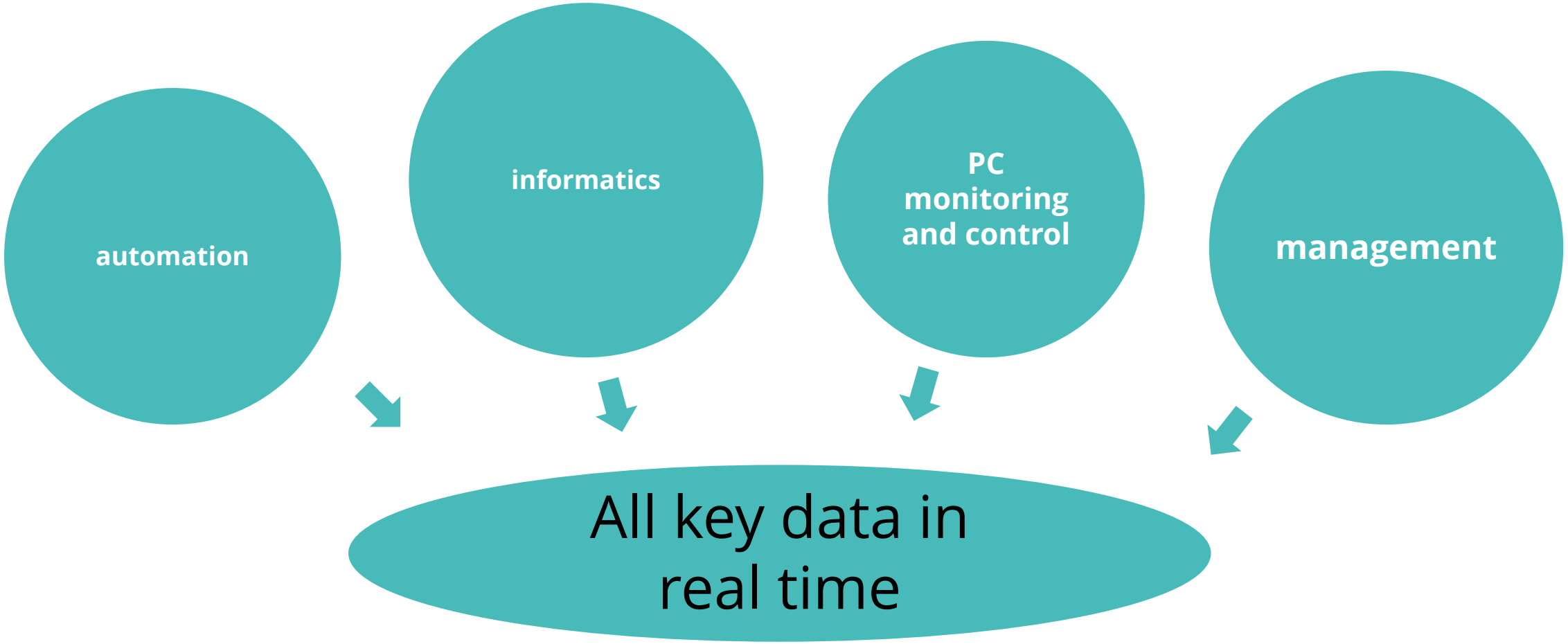
Main characteristic and advantage of eMis is flexibility – it collects, monitoring and analyzing data from all possible sources.

Based on experience of Iskra d.d., eMis module is built as application with predefined types of functionality, solutions and options depends of application and costumer needs.
eMis allows any custom made solution on request.

Users of eMis are depending of application.
Energy management: general manager, production manager, energy manager and maintenance manager
eBilling: manager and subcontractors
eProduction: manager, manager of work processes, production worker,…
eSmart Grid: engineer
eLogis: Head of R&D, Head of research group, researchers
Custom made application: customer specify with support of Iskra

User access is specified with right, who are managed by power/admin user or Iskra d.d.

eMIS | web platform providing



eMIS | Web user platform

requirements: access to VPN connection for security reasons
usage of standard web browsers

Highly recommending Google Chrome, as best browser for long-term use

program language: Smalltalk
web interface: Isomorphic SmartClient JavaScript framework
data base: Oracle

eMIS | Computer platform

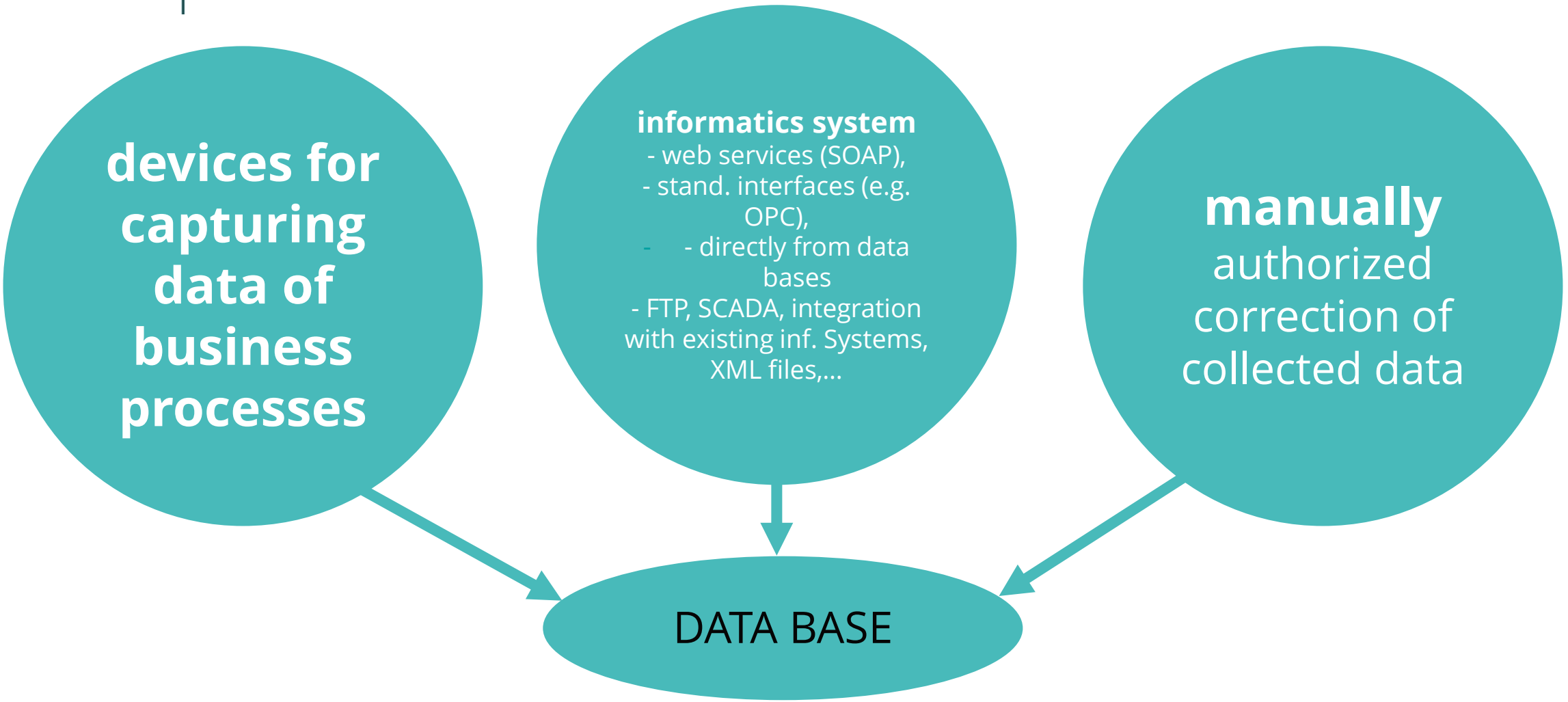
Server

requirements:	own hardware equipment or cloud base solution
location:	2 CPU Xenon platform
	minimum 16 GB RAM
	1 TB disc for data (depending of a project)
	recommended at least AID 0 disc configuration

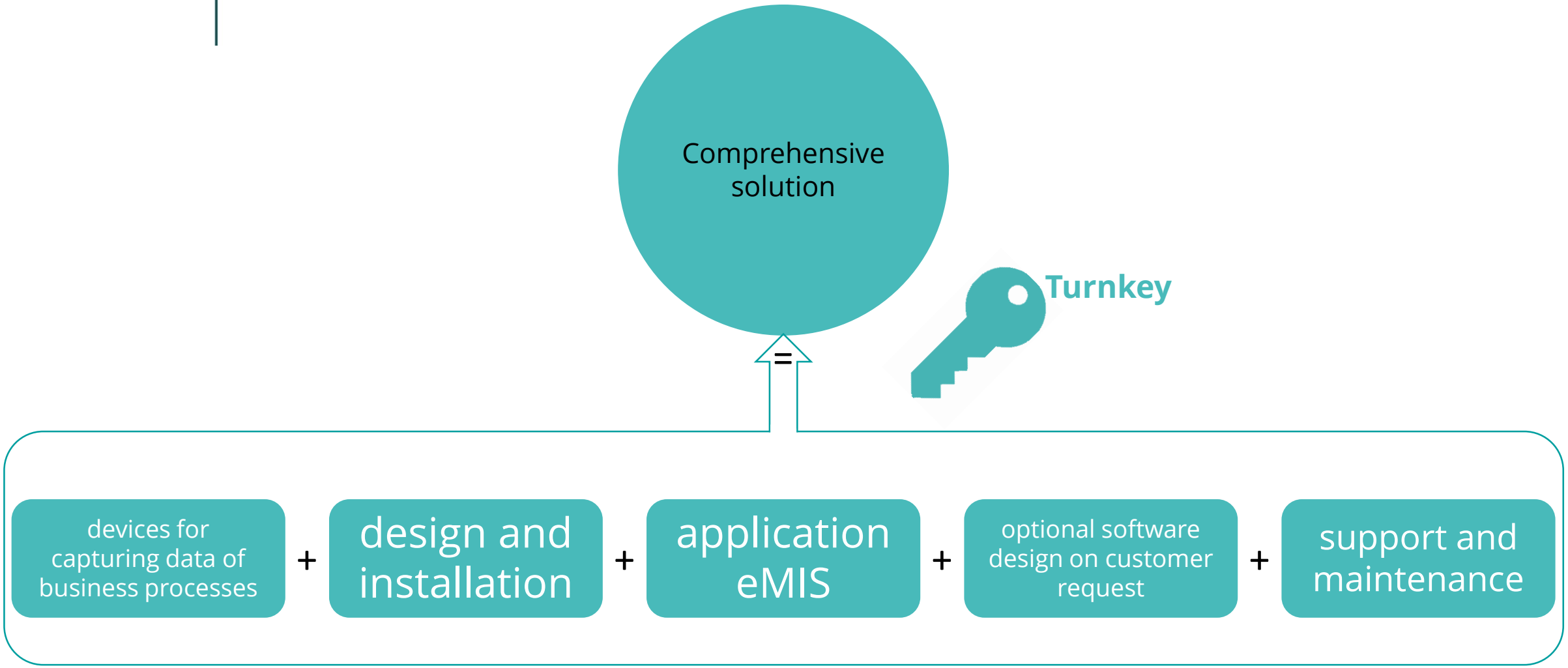
Work stations

hardware:	Standard office computer with minimum 4GB RAM
software:	OS: Windows server 2016 or newer, Unix, SUN-Solaris,...

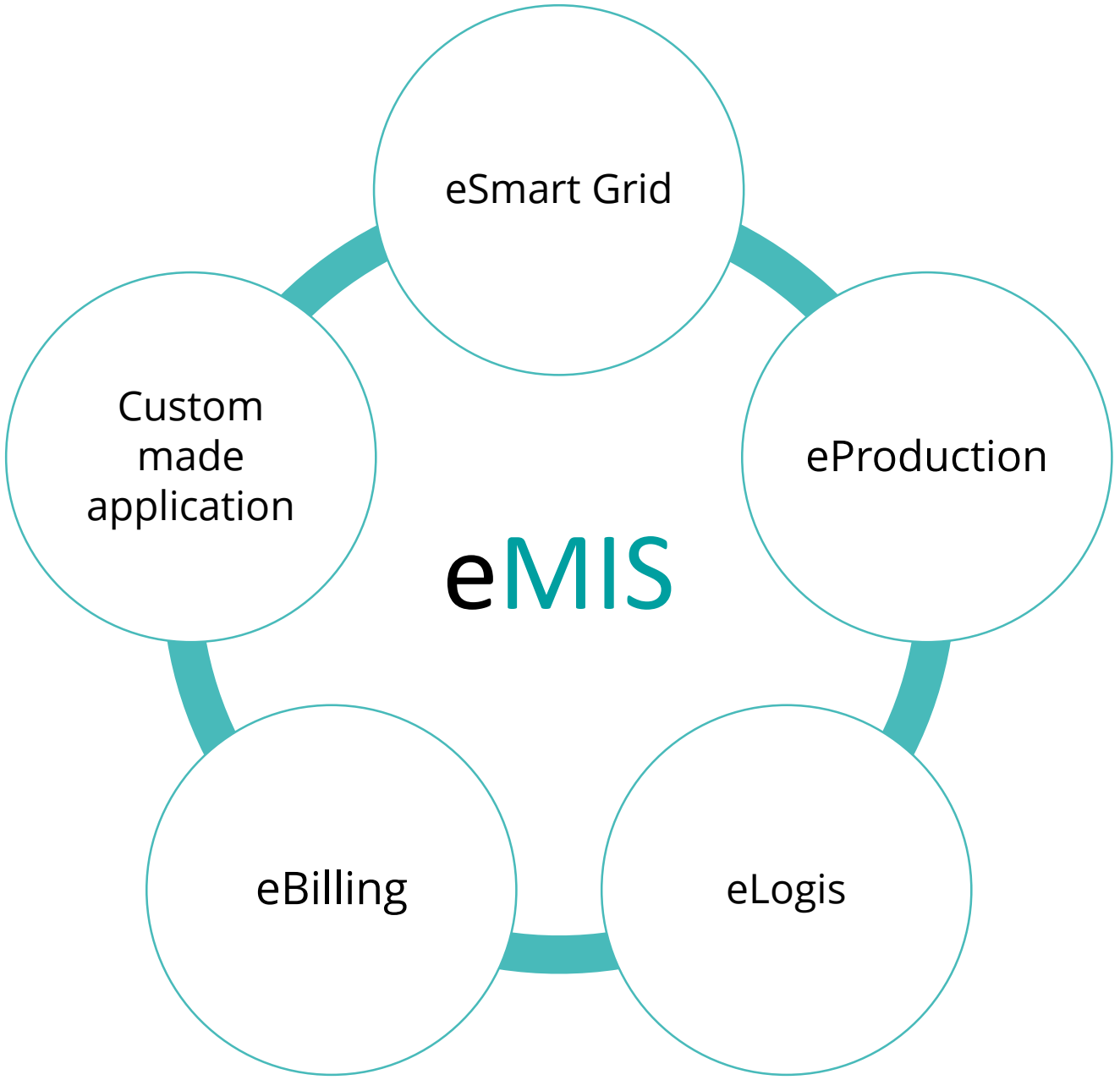
eMIS | Data capture



eMIS | ISKRA turnkey solution



eMIS


eSmart Grid
Custom made application
eProduction
eMIS
eBilling
eLogis

eMIS | eSmart Grid

Remote control of grid parameters

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Control and Management of equipment

⇩

Identification of electricity theft

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LV and MV custom smart solutions

⇩

Monitor and Control of Power Quality

⇩

Reports

⇩

Detection of interventions into grid

⇩

Alarms

Savings, optimized, improved reaction time and Power Quality

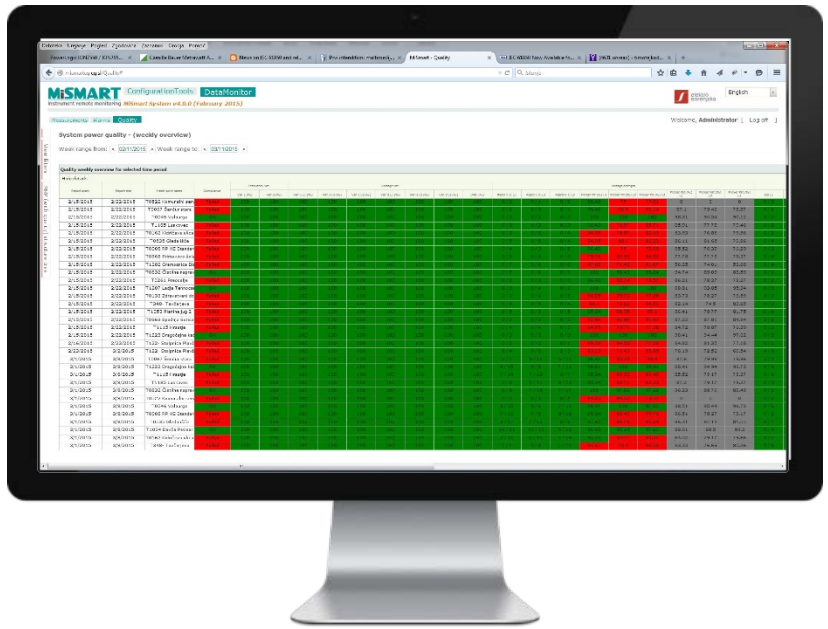
⇩

Efficient business

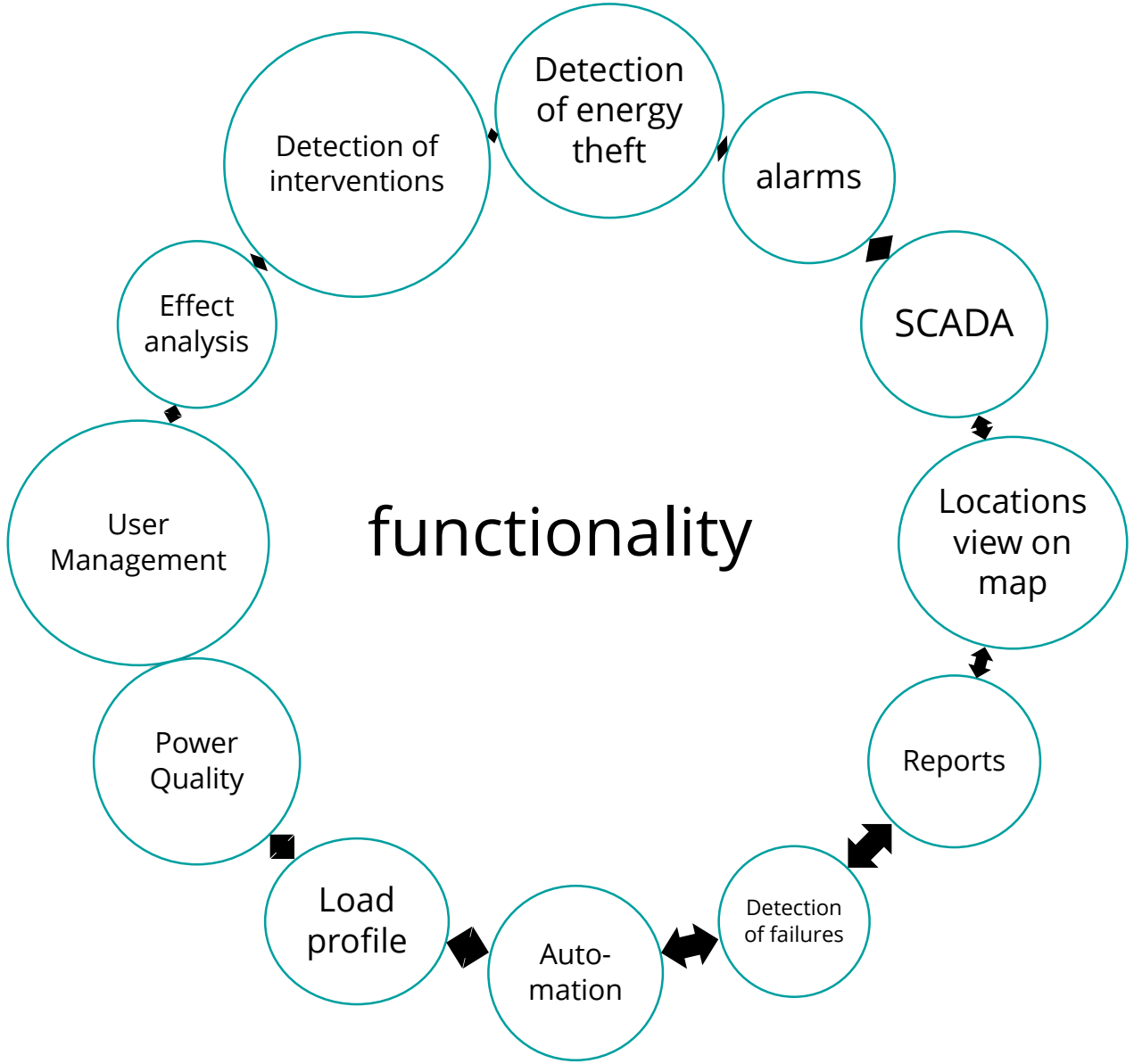
⇩

Increased competitiveness

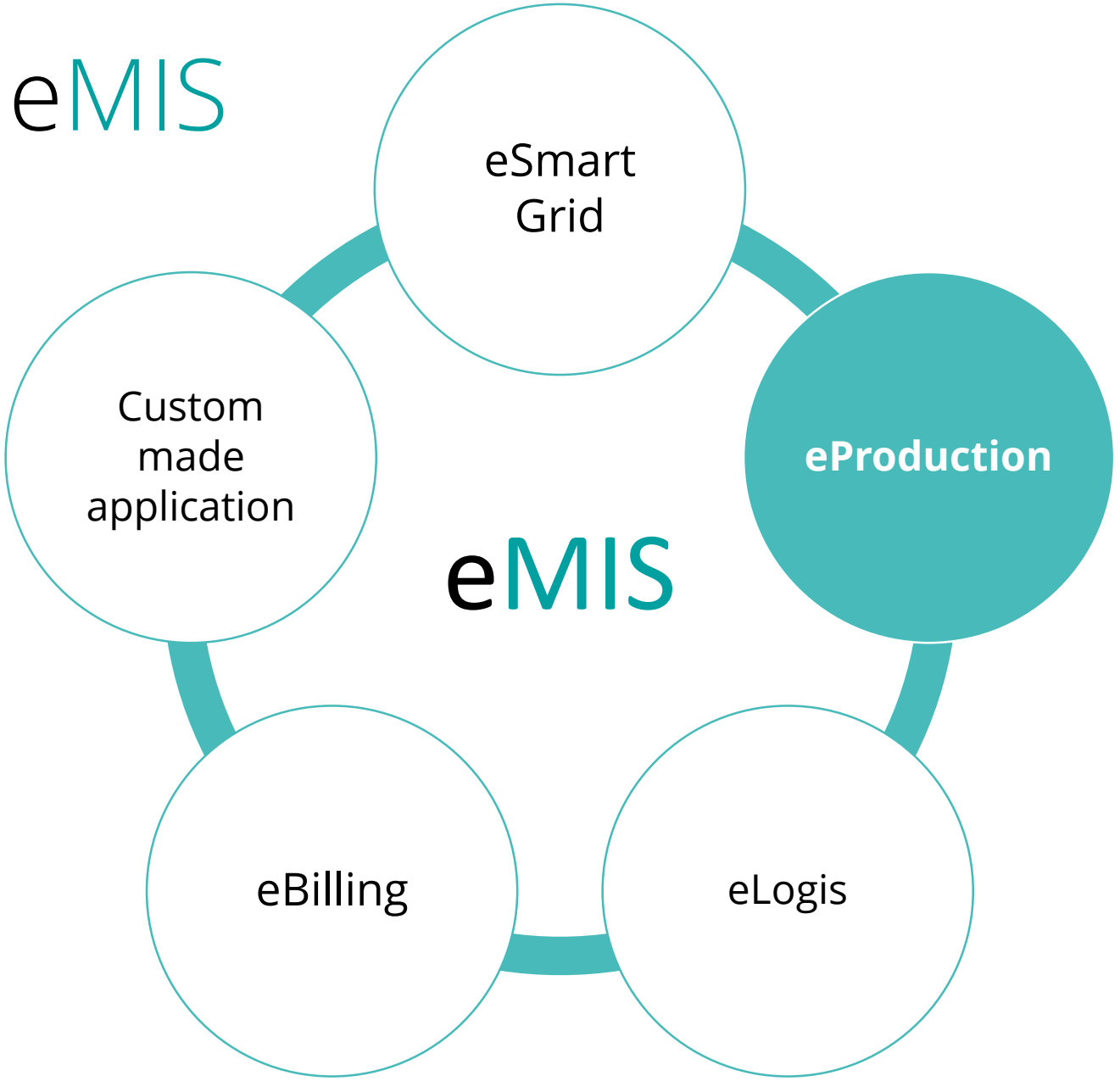
eMIS | eSmart Grid



Turnkey



eMIS | Applications eMIS



eMIS | eProduction

Digitalization of business processes

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Production Monitoring and Control

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Production lines Monitoring and Control

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Bottleneck detection

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„down-time“ of machines detections

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Business processes optimization

Manufactured products counting

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Comparison of Realized vs. Planned

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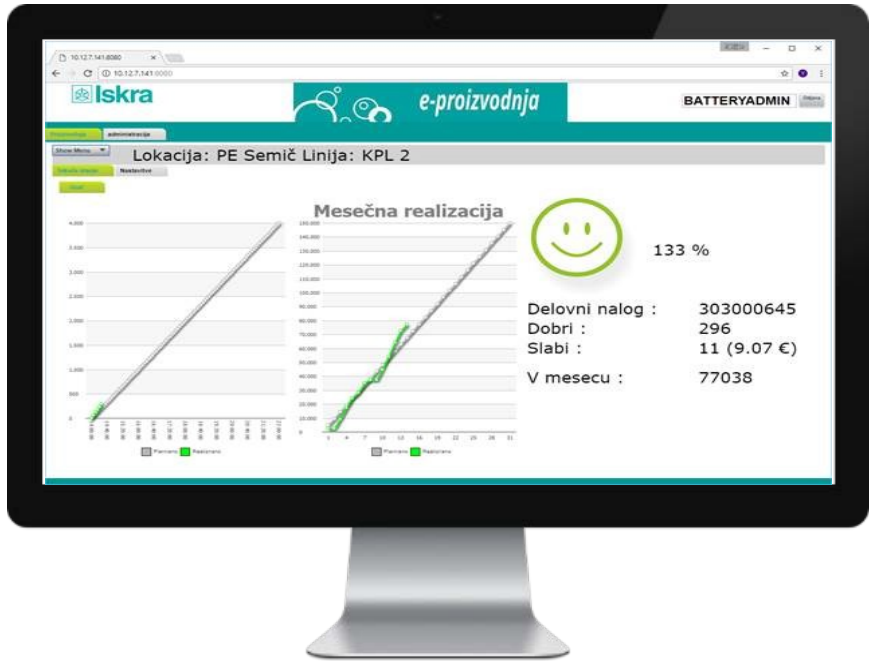
Digitalization of energy consummation

Increased efficiency of business processes
Impact on:
manufactured quantity,
Quality of products,
employee satisfaction

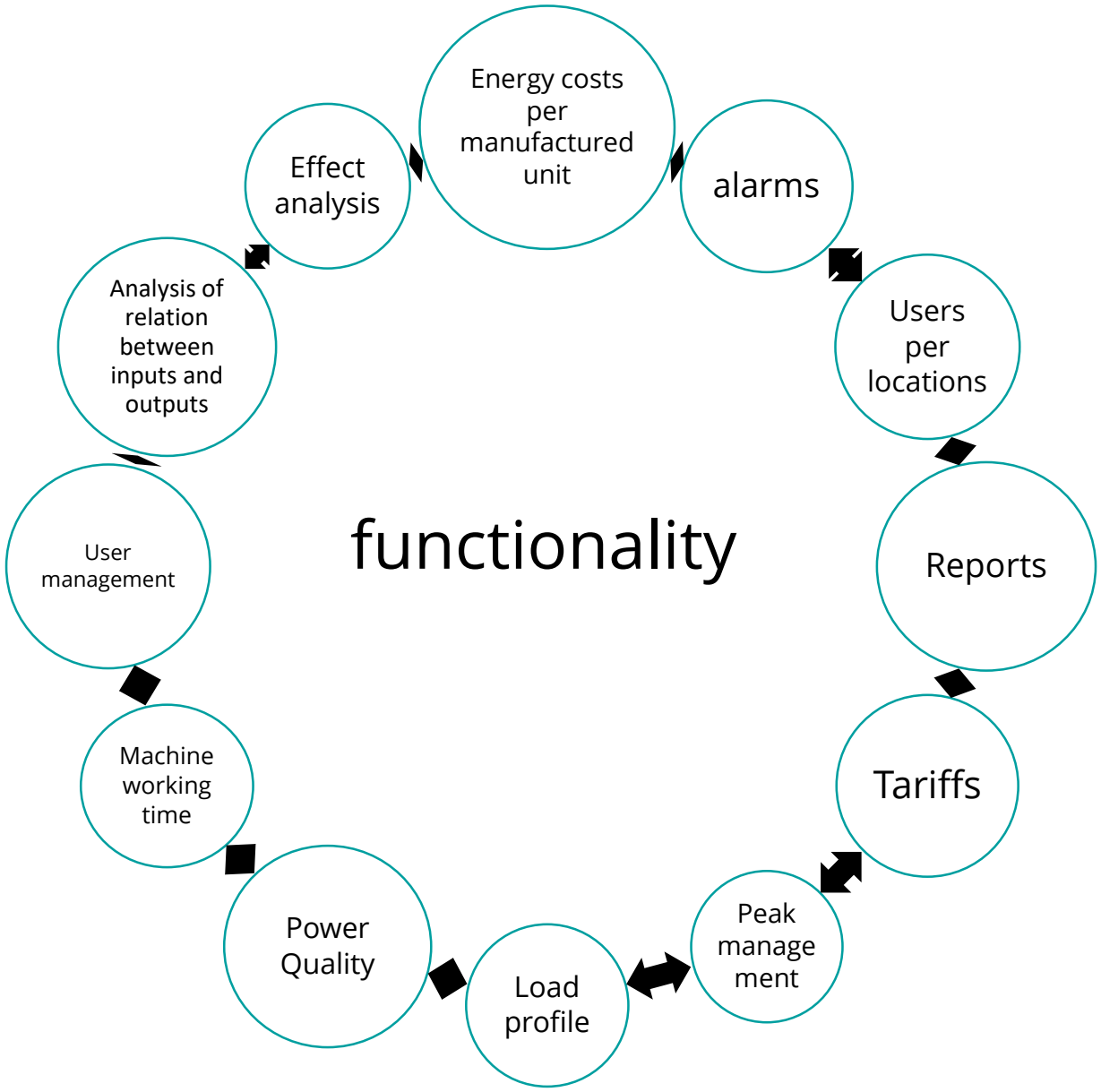
Evaluation of energy costs per manufactured unit

Increased efficiency

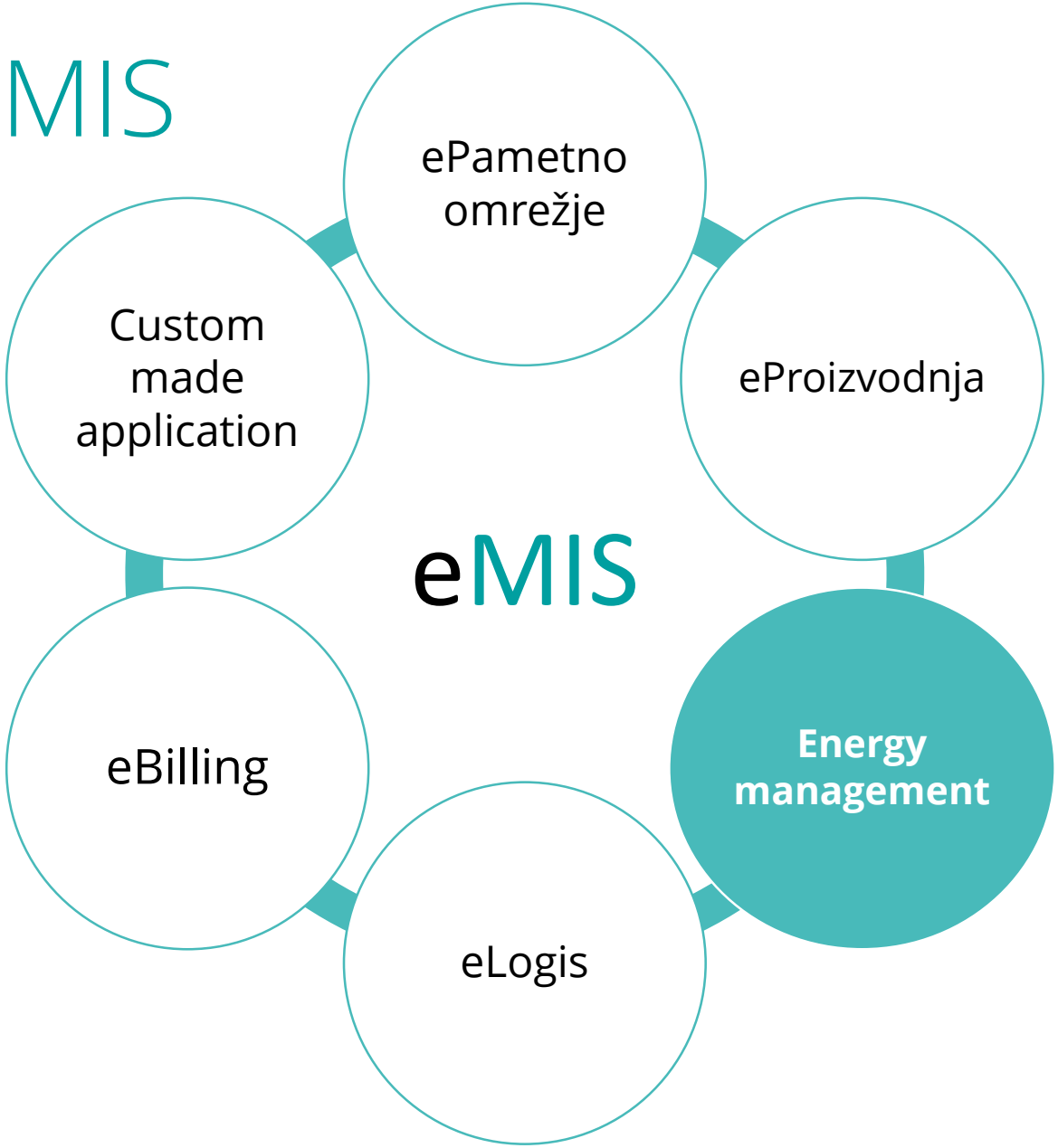
eMIS | eProduction



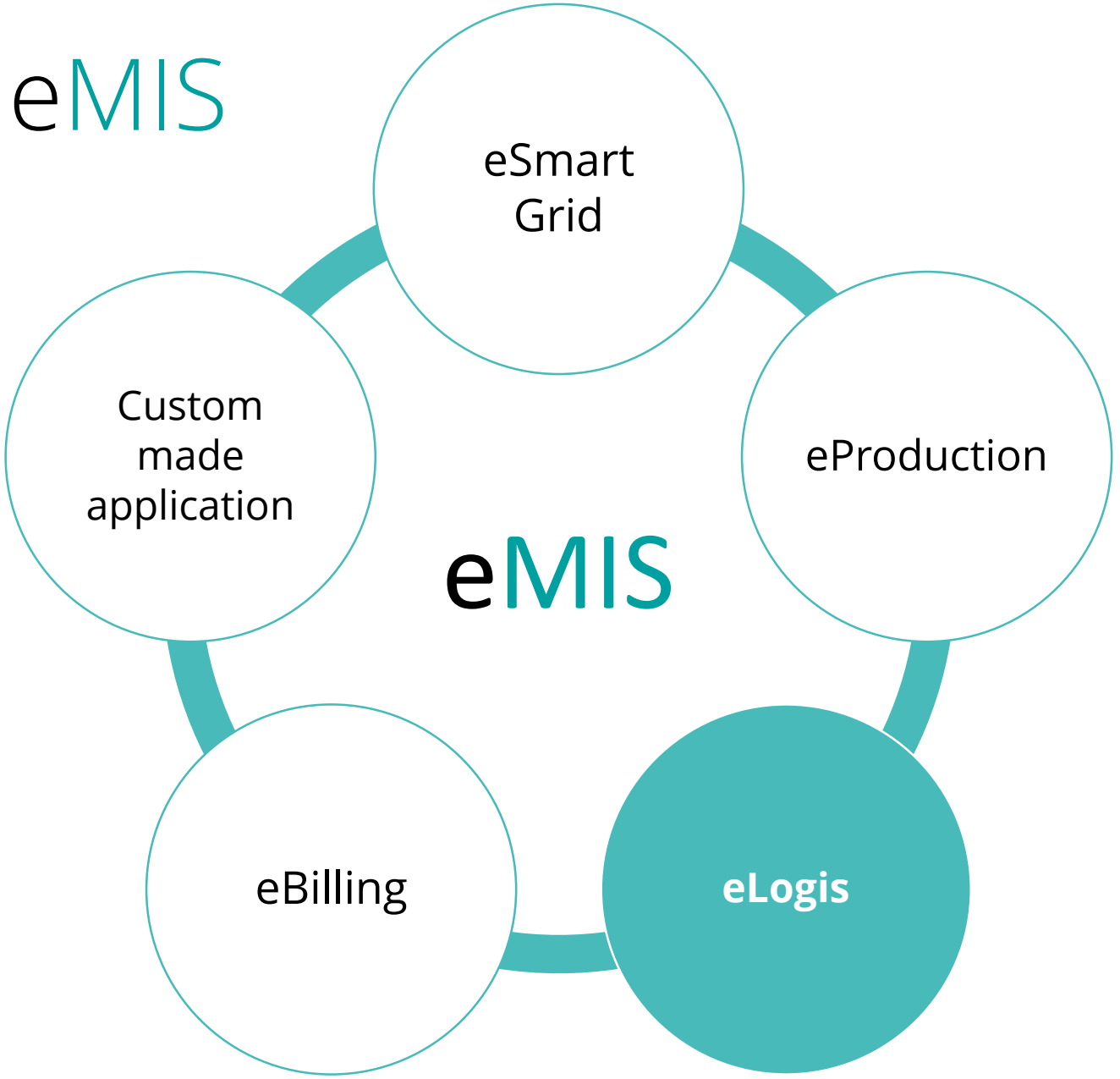
Turnkey



eMIS | Applications eMIS



eMIS | Applications eMIS



eMIS | eLogis

Sample control

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Digital recording

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Control of research processes

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Research process tracking

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Sample stock preview

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Reports

Sample and development Control and record Tracking

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Automatic documenting of processes

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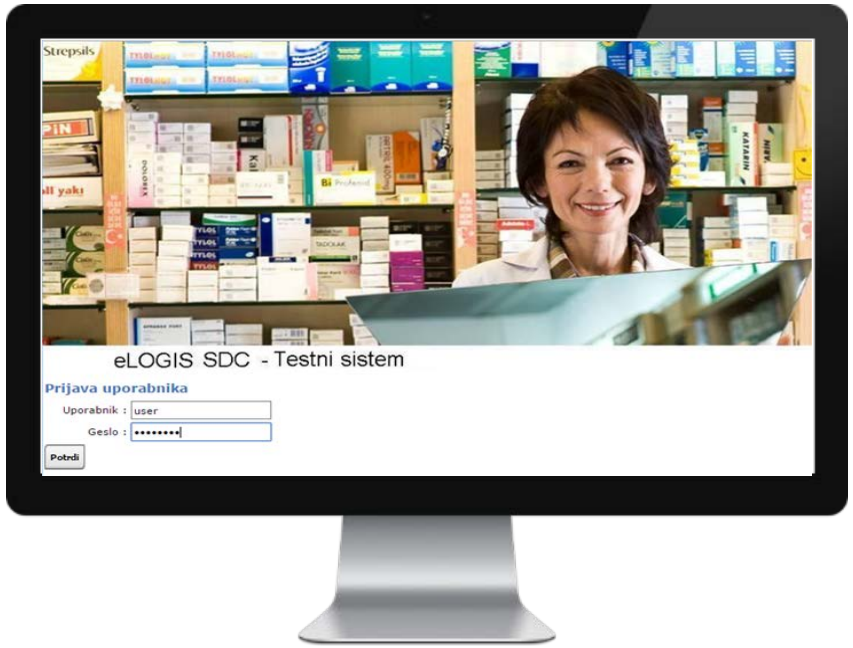
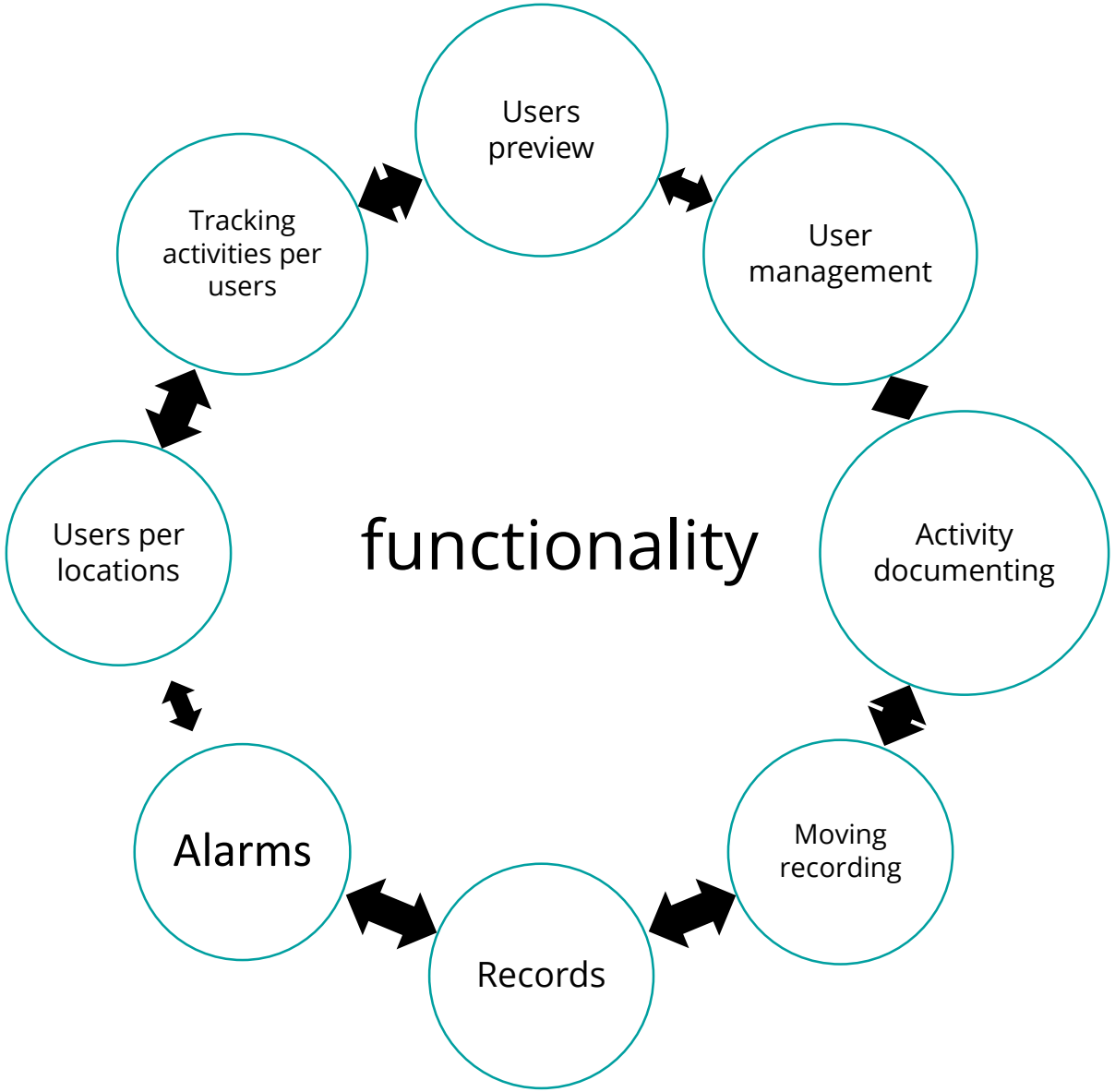
Efficient business

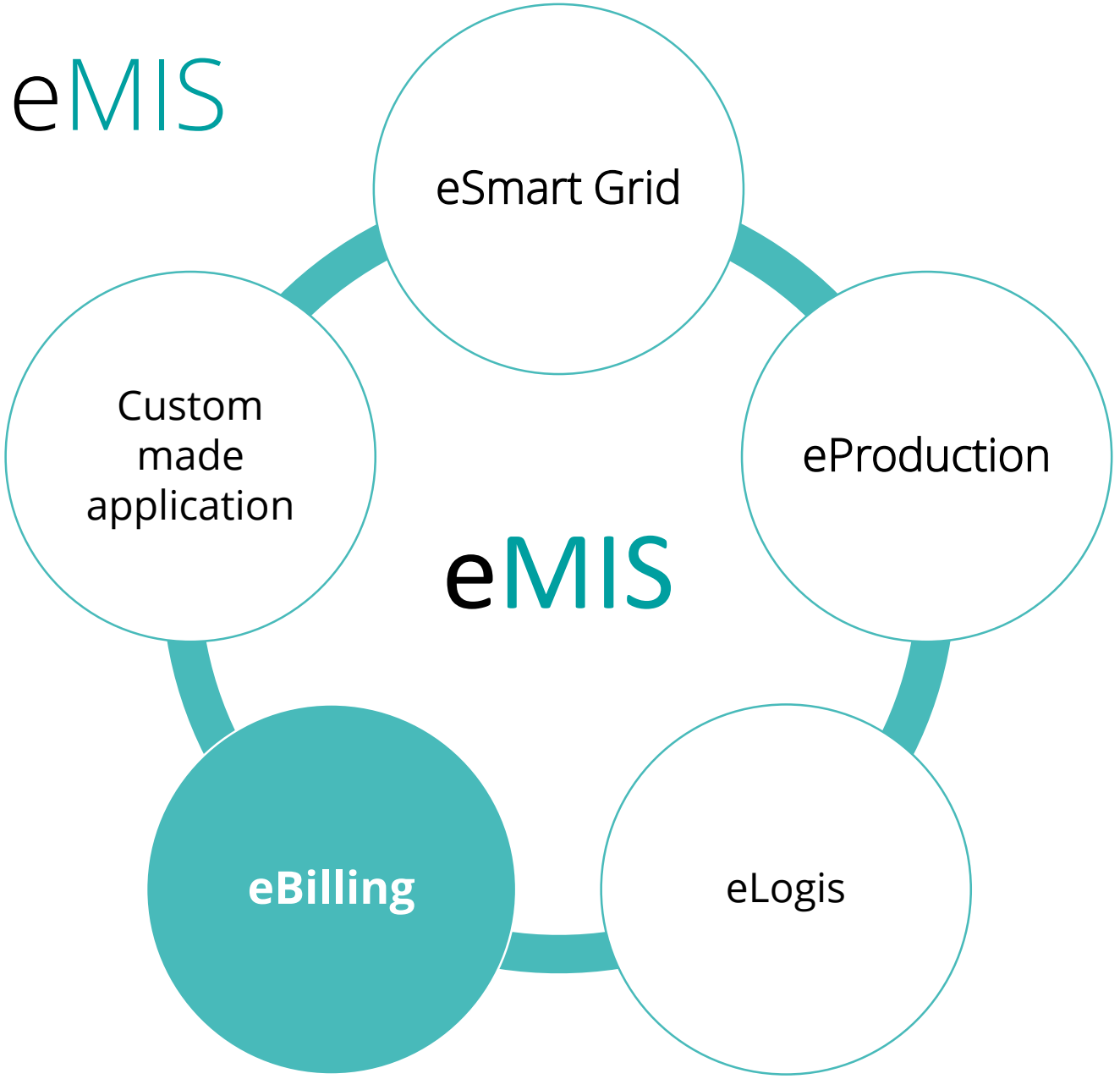
eMIS | eLogis



Turnkey



eMIS | Applications eMIS



eMIS | eBilling

Detection of consumers

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Energy bill parameters including

⇩

Tracking actual consumption

⇩

Evaluation according to tariffs

⇩

Issue a billings

Billing issuing of actual consumption with included all necessary energy parameter, taxes,...

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Transparent invoicing of energy consummation

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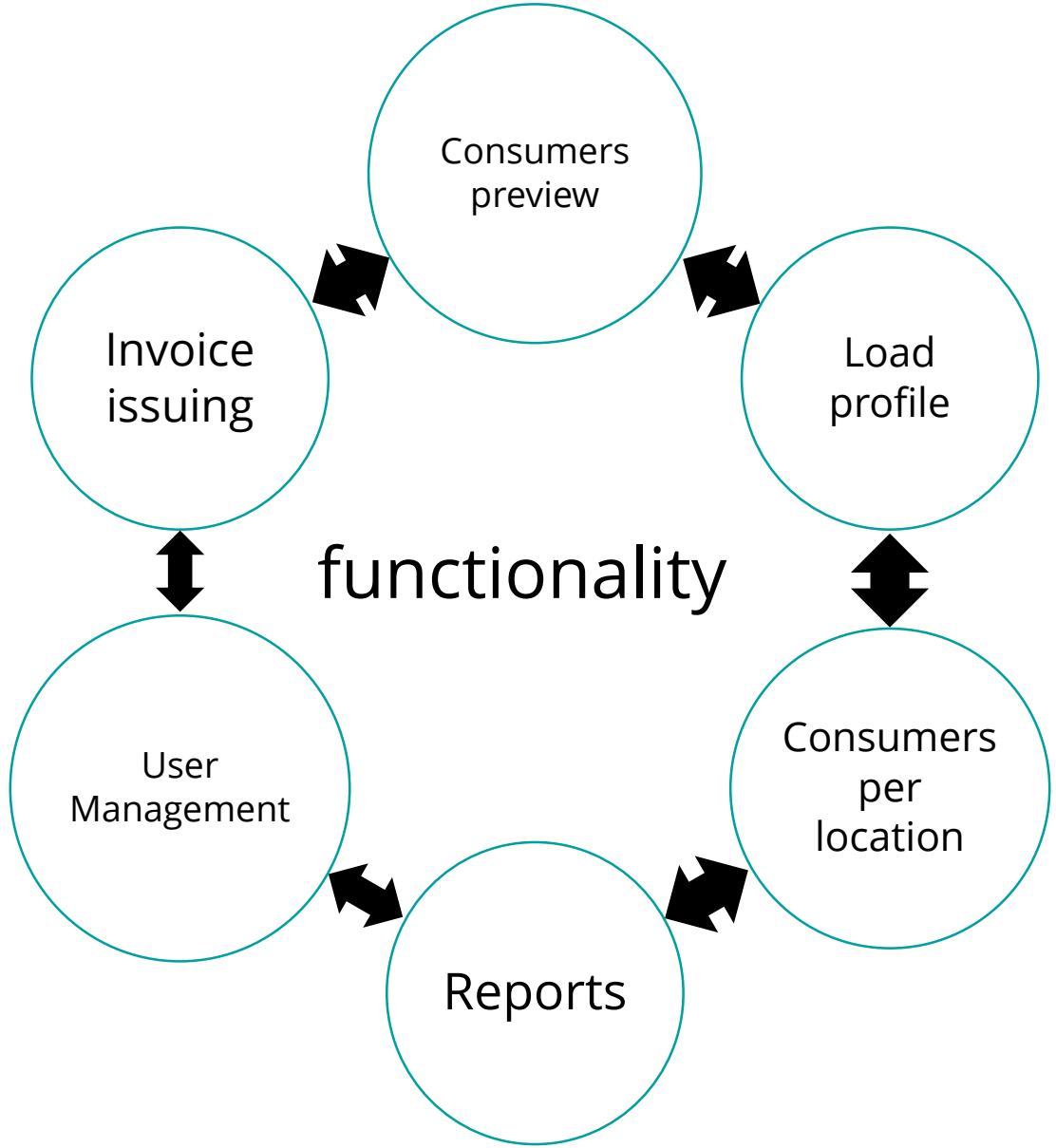
Increasing competitiveness

eMIS | eBilling



Iskra

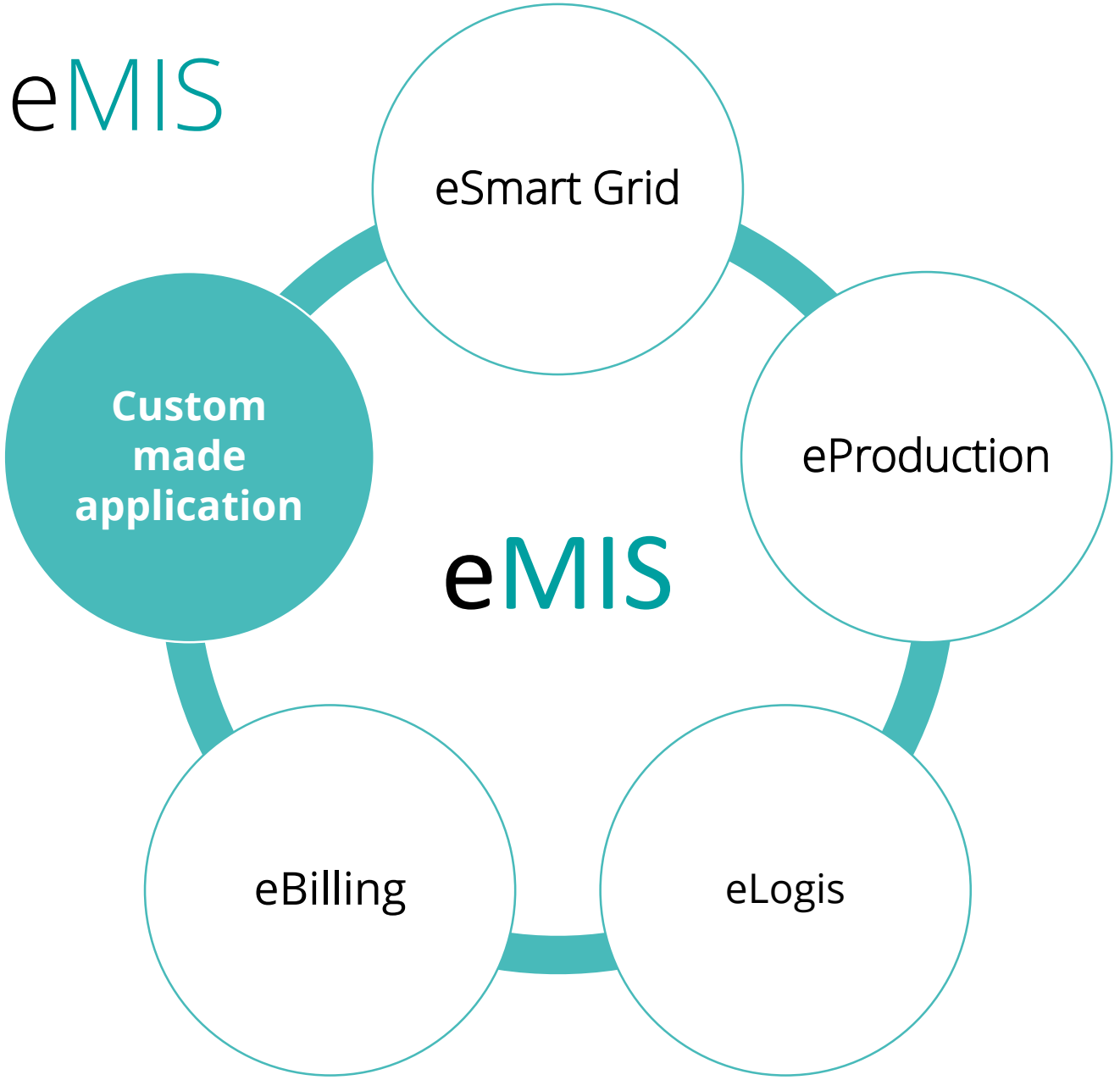
Janez Novak Kolodvorska 15 1000 Ljubljana		Ljubljana, 10. julij 2017 Račun številka: 56r6564/1 Električna energija za June 2017 TRR: SI56 0000 0000 0000 123 Številka kupca: 56r6564 Kupec: Janez Novak, Kolodvorska 15, 1000 Ljubljana
RAČUN ZA ELEKTRIČNO ENERGIJO		
ZA PLAČILO Z DDV 195.18 €		ROK PLAČILA: 18. julij 2017
159.99 € 35.20 €	Osnova za DDV Znesek DDV	

SPECIFIKACIJA RAČUNA

Produkt	Količina	Enota mere	Cena €/EM	Znesek brez DDV
Električna energija VT	1268.00	kWh	0.068850	87.30
Električna energija MT	49.00	kWh	0.036720	1.80
Obračunska moč	7.00	kW	0.770890	5.40
Omrežnina VT	1268.00	kWh	0.042130	53.42
Omrežnina MT	49.00	kWh	0.032390	1.59
Prispevek za energetsko učinkovitost	1317.00	kW	0.000680	0.90
Prispevek za SPTE in OVE	7.00	kWh	0.738960	5.17
Prispevek za delovanje operaterja trga	1317.00	kWh	0.000130	0.17
Prispevek za agencijo za energijo	1317.00	kWh	0.000170	0.22
Trošarina	1317.00	kWh	0.003050	4.02
Skupaj brez davka				159.99
Davek			22.000000	35.20
Skupaj				195.18

Turnkey

eMIS | Applications eMIS



eMIS | Why eMIS?

Savings

Improved business results, efficient processes, increased efficiency

Planning and forecasting

accuracy at delivery time
purchase orders
Predictability of processes
Lower business costs realization

Control

Control of processes increasing quality
Elimination of bottlenecks
Elimination of failures
Control of energy costs

eMIS | Brief

Multi functionality

Collecting key data, who are different with application, allowing decision making based on real and verifiable results

references

Lek d. d.

Iskra d. d. – PE Baterije

Wienerberger

Kovis d.o.o.

Cinkarna Celje d.d.

Flexibility

unlimited functionality

Custom made functions and application

„Don't work harder, work smarter“

eMIS | More information

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Iskra for You

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