



Dynamic Balancing Center

From Ton to Micron



HIGH YIELD BUSINESS MODEL
franchise - **industry 4.0**

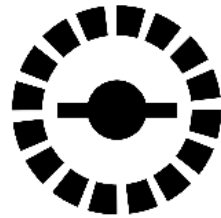


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WHAT IS BALANCING?

It is the elimination of the 3 most common types of imbalance of rotating parts

STATIC

MOMENTARY

DYNAMIC

VIBRATIONS cause the frequent breakdown of equipment and its lifetime reduction as well as **increase of maintenance costs and energy consumption up to**

50%



Vibration Analysis & Dynamic Balancing
visiting company



The specialist arrives to a client's location,
makes vibration analysis of the equipment and
we carry out balancing



The associate units of the head office are working independently,
receiving centralized assistance and support.



Due to well organized structures, the center is able to act
flexibly & efficiently on the market



"The DBC is a franchise of the new generation
that conforms to **the Industry 4.0**"

Rafael Gabdrahmanov
founder and CEO



Vibration Analysis & Dynamic Balancing
visiting company





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Due to **well organized structures**, the center is able to act flexibly & efficiently on the market





3

STAGES OF DEVELOPMENT



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Vibration Diagnostics
& Dynamic
Balancing



Laser alignment
& professional rank
promotion



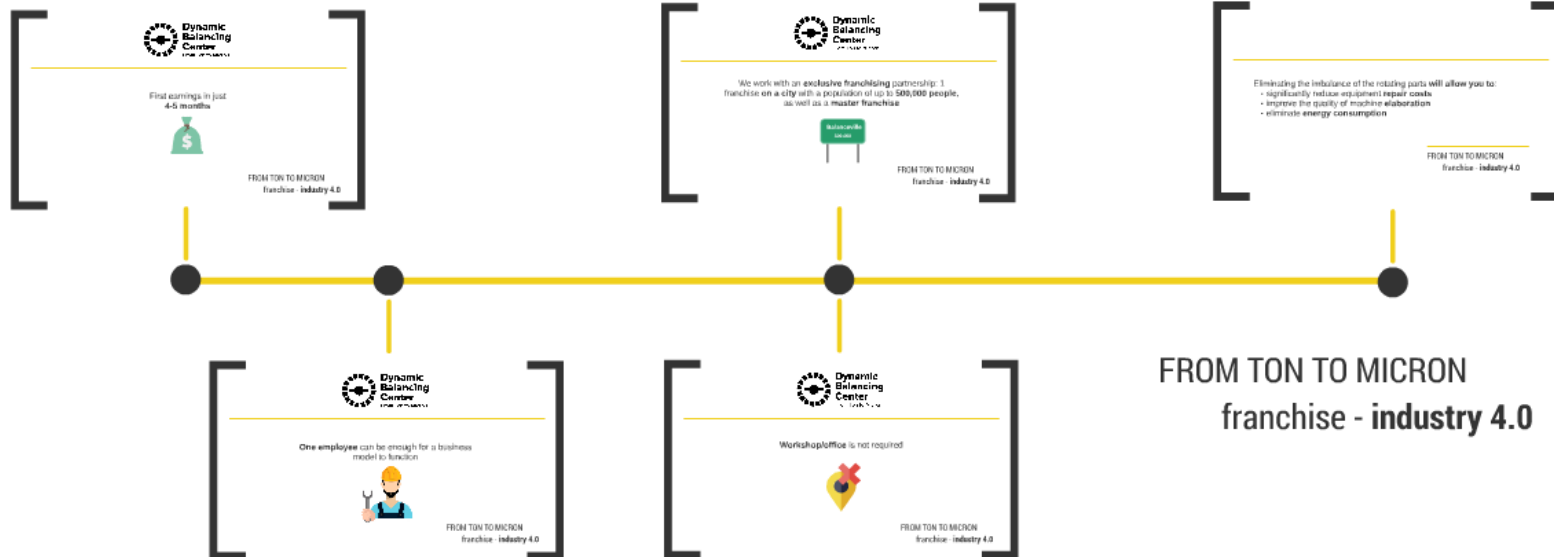
Launching of the
balancing
workshop

Earning from **\$5.500 per month** by DYNAMIC
BALANCING CENTER © franchise.

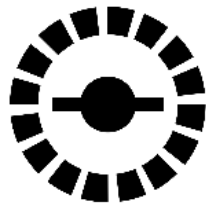


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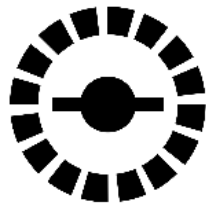
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First earnings in just
4-5 months



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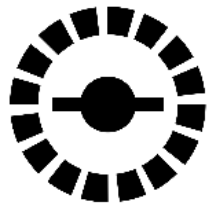
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One employee can be enough for a business
model to function



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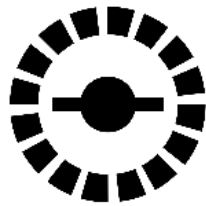
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Workshop/office is not required



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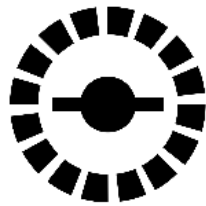
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We work with an **exclusive franchising** partnership: 1 franchise **on a city** with a population of up to **500,000 people**, as well as a **master franchise**



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Eliminating the imbalance of the rotating parts **will allow you to:**

- significantly reduce equipment **repair costs**
- improve the quality of machine **elaboration**
- eliminate **energy consumption**

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No 1 STAGE

Vibration Diagnostics
& Dynamic balancing



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Vibration Diagnostics

Based on the information received, it is possible to **optimize** the planning of **maintenance** and overhaul, **increase the overhaul interval**, reduce the cost of purchasing spare parts and consumables.



Lowest possible cost price of the business model:

- workshop/office is not required
- minimal staff



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Vibration Diagnostics

SERVICES



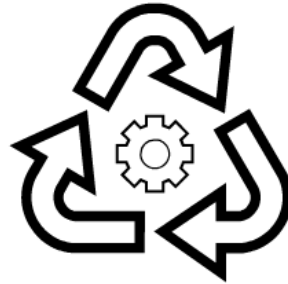
- Acceptance measurement
- Machine motion analysis
- Load measurement
- Noise analysis
- Vibration Control & Analysis

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DYNAMIC BALANCING

- balancing of rotors of any mass: from 0.5 to 36000 kg



Lowest possible cost price of the business model:

- workshop/office is not required
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DYNAMIC BALANCING

SERVICES



- Dynamic balancing of the rotors
- Profile's geometric measurements
- Shafts' parallelism
- Turbine alignment
- Inspection & Deterioration Analysis

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A close-up photograph of a microscope stage, showing various adjustment knobs and components. The image is framed by a large white circle. The background is dark with a faint grid pattern and a yellow brushstroke on the left side.

No 2 STAGE

LASER ALIGNMENT
& PROFESSIONAL
RANK PROMOTION



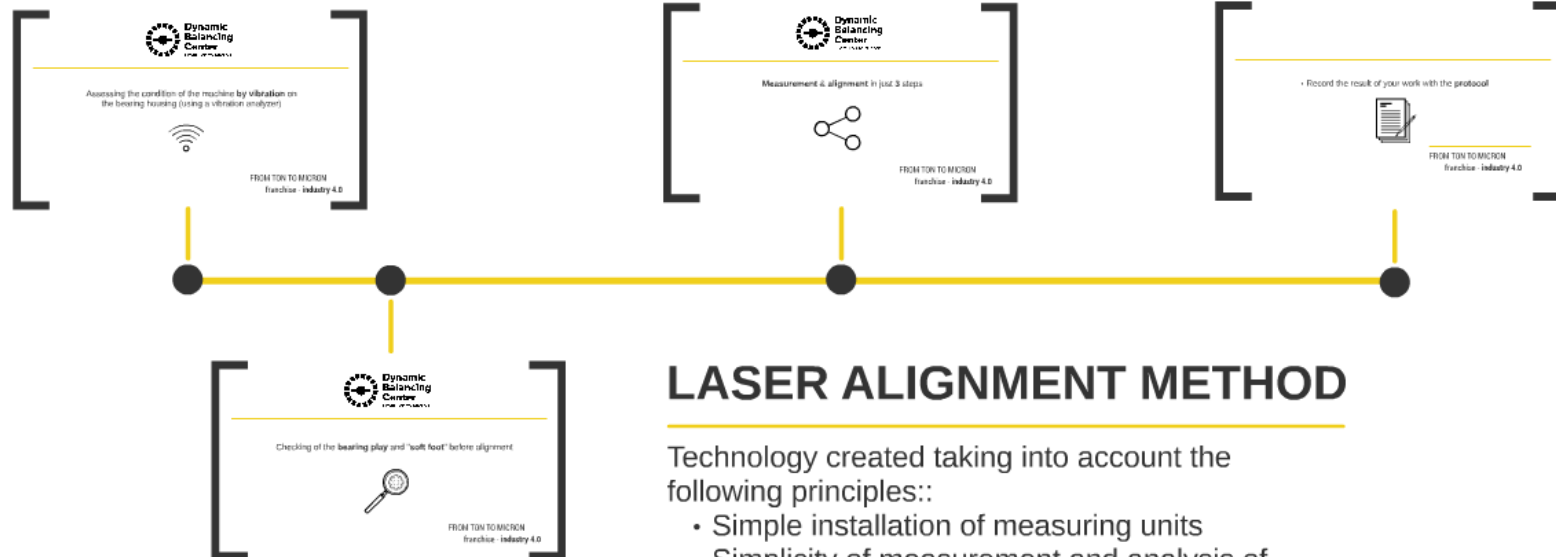
LASER ALIGNMENT

- is **an accurate**, intelligent centering system for rotating machinery.



Lowest possible cost price of the business model:

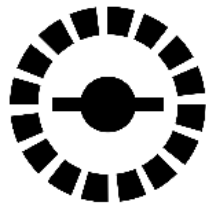
- professional rank promotion
- workshop/office is not required
- minimal staff



LASER ALIGNMENT METHOD

Technology created taking into account the following principles::

- Simple installation of measuring units
- Simplicity of measurement and analysis of results



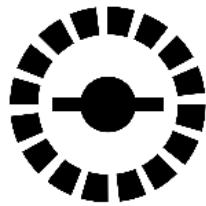
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Assessing the condition of the machine **by vibration** on
the bearing housing (using a vibration analyzer)



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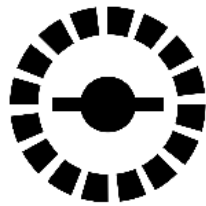
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Checking of the **bearing play** and "**soft foot**" before alignment



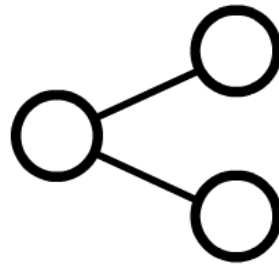
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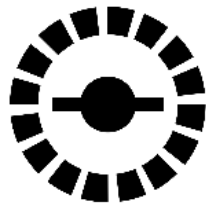
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Measurement & alignment in just 3 steps



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- Record the result of your work with the **protocol**



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LASER ALIGNMENT

SERVICES



- Rotary shaft measurement
- Rotary Machine Groups
- Determination of thermal growth
- Foundation movements
- Machine movements
- Cardan shafts

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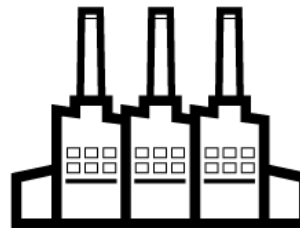
No 3 STAGE

STATIONARY WORKSHOP



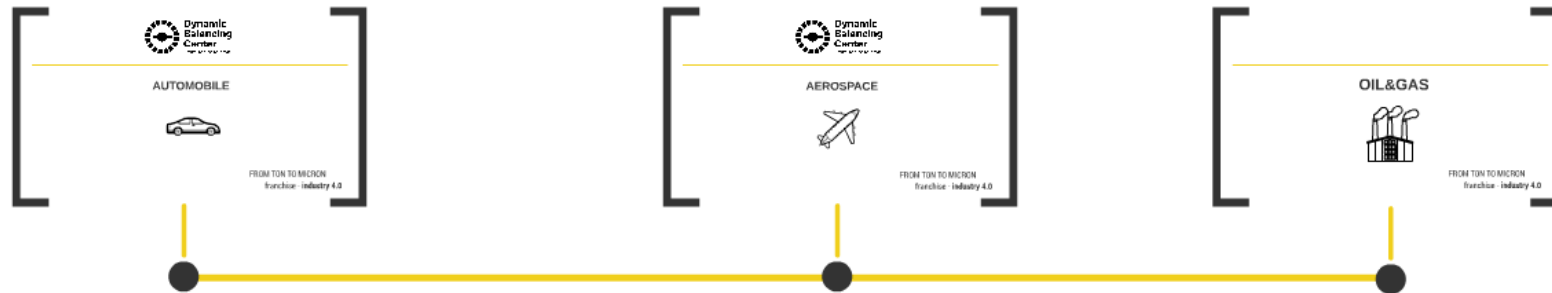
STATIONARY WORKSHOP

opens up unlimited possibilities for the production of services for the dynamic balancing of rotating bodies (rotors) of almost any size:
from the gyroscope to aircraft turbines



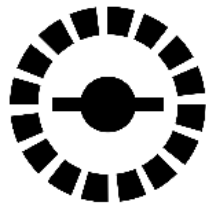
Production expansion:

- workshop required (500 m²)
- stationary equipment
- staff increase



Stationary workshop, goes beyond solving point problems and has the ability **to master versatile directions** in a wide variety of industries:

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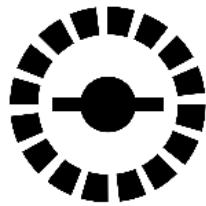
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AUTOMOBILE



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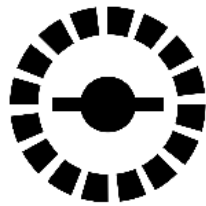
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AEROSPACE



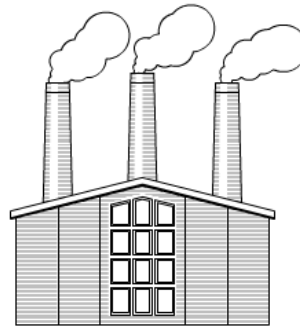
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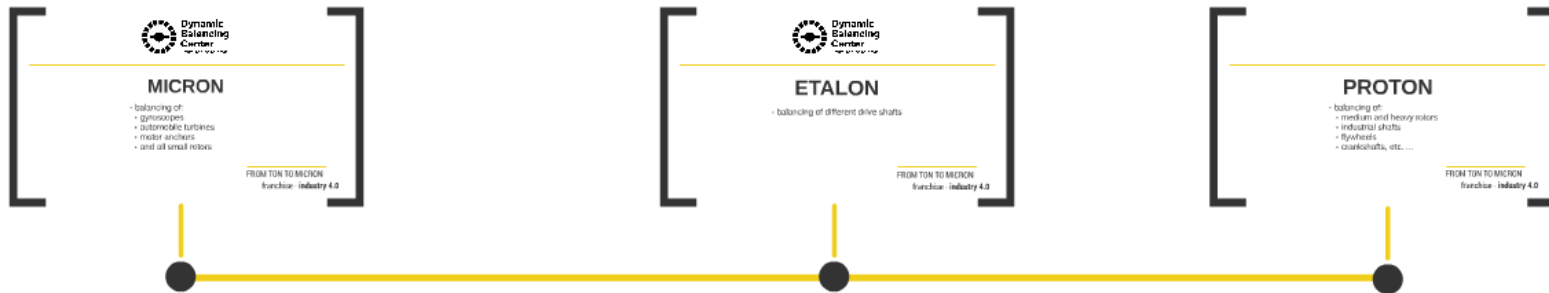
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OIL&GAS



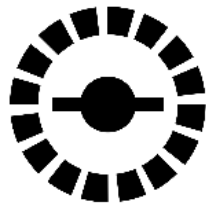
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ЦЕЛЕВОЕ ОБОРУДОВАНИЕ

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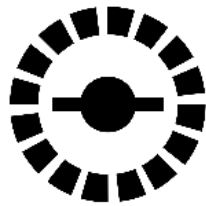
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MICRON

- balancing of:
 - gyroscopes
 - automobile turbines
 - motor anchors
 - and all small rotors

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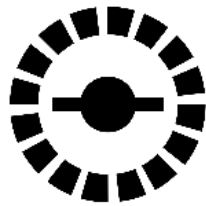
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ETALON

- balancing of different drive shafts

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PROTON

- balancing of:
 - medium and heavy rotors
 - industrial shafts
 - flywheels
 - crankshafts, etc. ...

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PARTNERSHIP

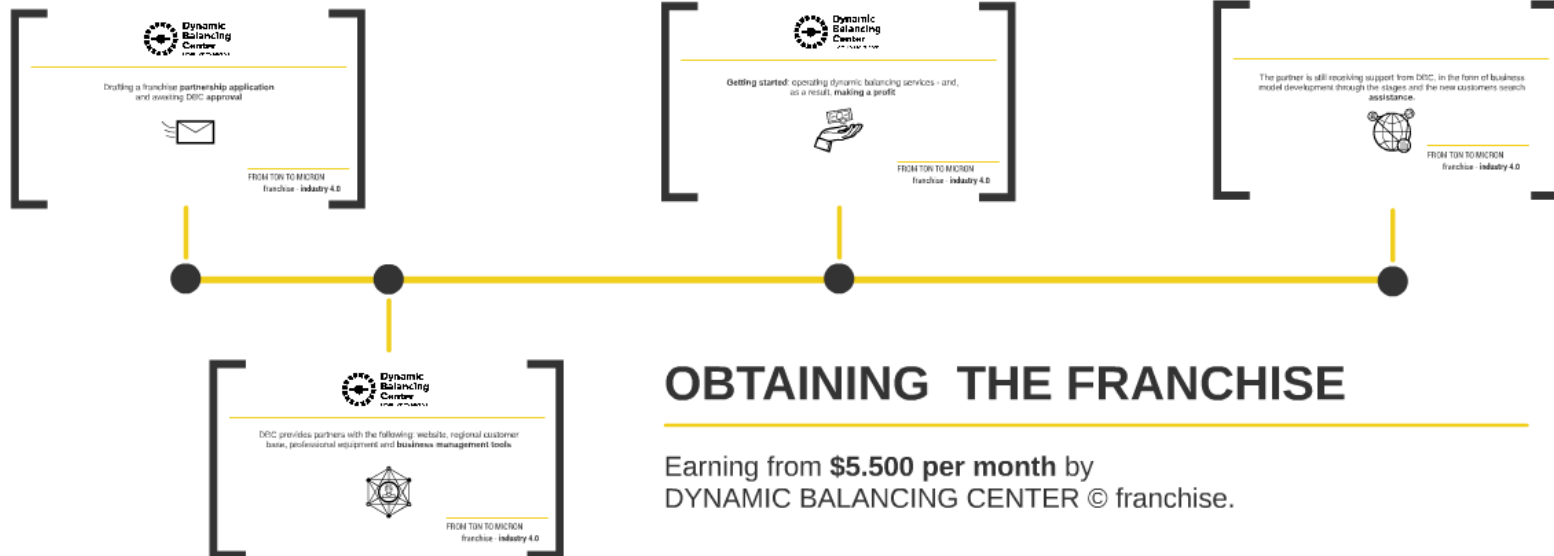
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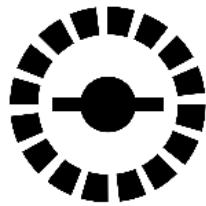


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OBTAINING THE FRANCHISE

Earning from **\$5.500** per month by
DYNAMIC BALANCING CENTER © franchise.



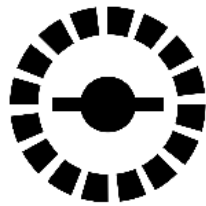
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Drafting a franchise **partnership application**
and awaiting **DBC approval**



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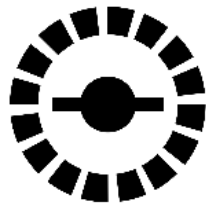
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DBC provides partners with the following: website, regional customer base, professional equipment and **business management tools**



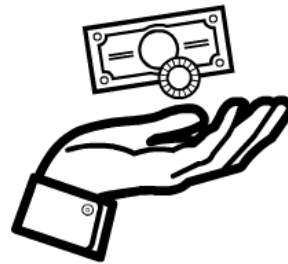
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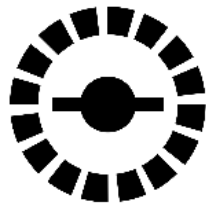
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Getting started: operating dynamic balancing services - and,
as a result, **making a profit**



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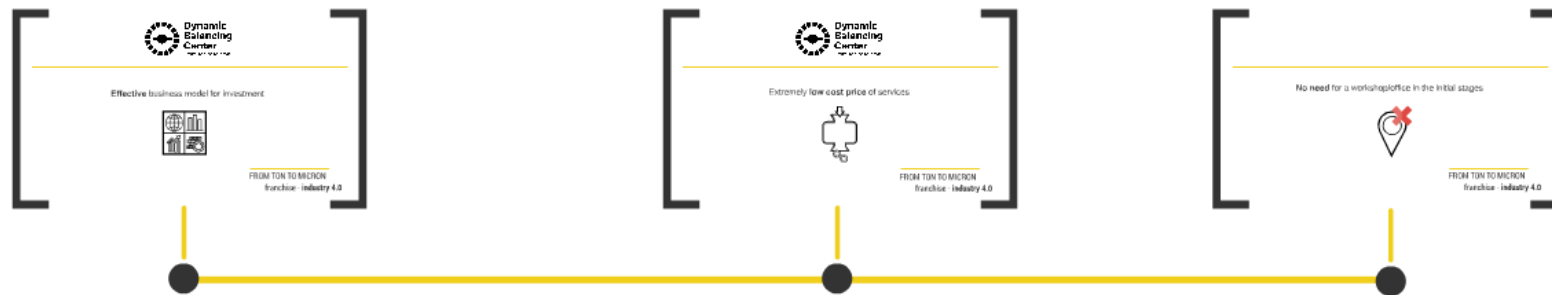
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The partner is still receiving support from DBC, in the form of business model development through the stages and the new customers search **assistance.**

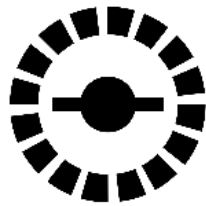


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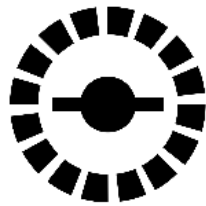
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Effective business model for investment



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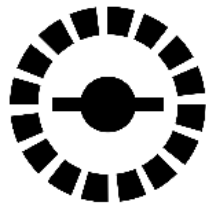
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Extremely low cost price of services



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No need for a workshop/office in the initial stages

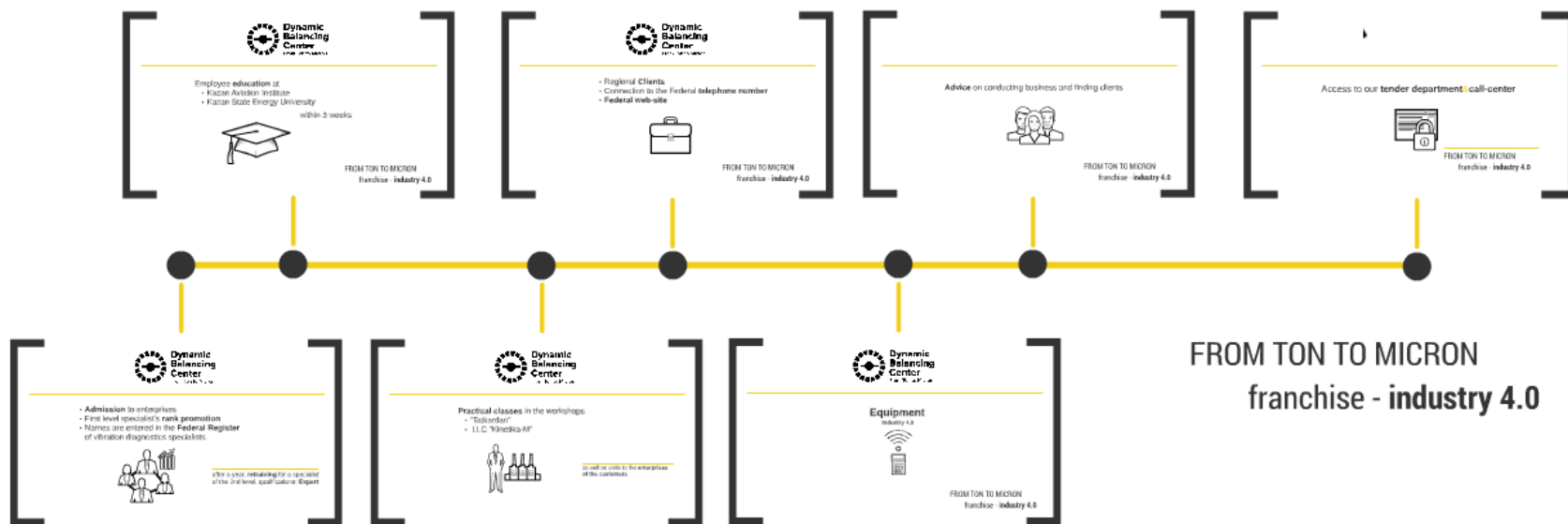


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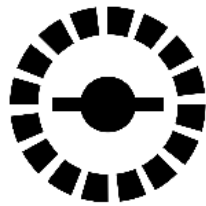
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Prezi



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Employee **education** at

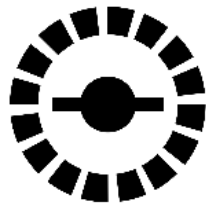
- Kazan Aviation Institute
- Kazan State Energy University

within 3 weeks



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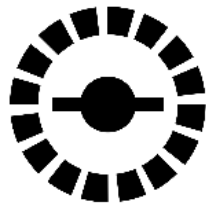
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- **Admission** to enterprises
- First level specialist's **rank promotion**
- Names are entered in the **Federal Register** of vibration diagnostics specialists.



after a year, **retraining** for a specialist of the 2nd level, qualifications: **Expert**

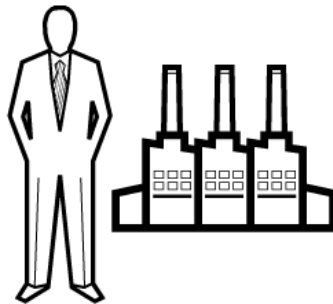


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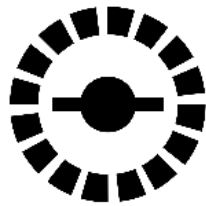
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Practical classes in the workshops

- "Tatkardan"
- LLC "Kinetika-M"



as well as visits to the **enterprises**
of the **customers**



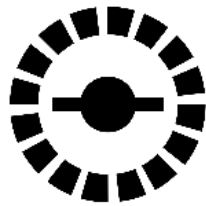
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- Regional **Clients**
- Connection to the Federal **telephone number**
- **Federal web-site**



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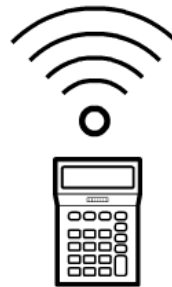


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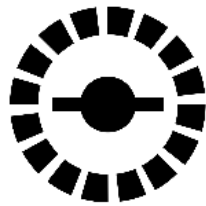
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Equipment

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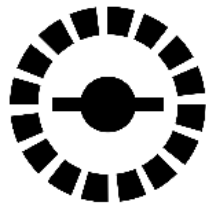
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Advice on conducting business and finding clients



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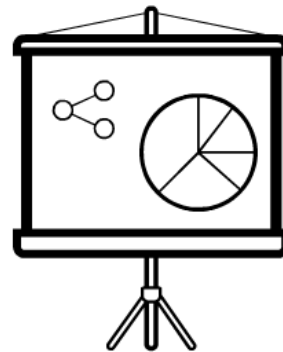


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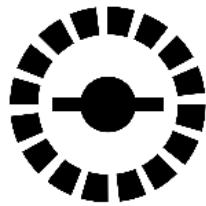
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Promotional materials:

- pdf documents & presentations
- brochures & booklets
- and etc. ...



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Access to our tender department & call-center




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Business processes' automation

- IC Enterprise
- LMS
- MYSCRM
- B-TM
- UDS




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Promotional materials:


- pdf documents presentations
- brochures booklets
- and etc. ...



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Templates of contracts documents



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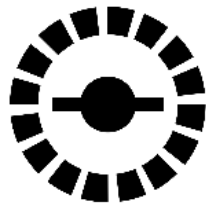
Branded specialist rig out



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Management & Merch:

Earning from **\$5.500** per month by
DYNAMIC BALANCING CENTER © franchise.



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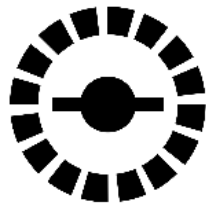
Business processes' automation:

- 1C Enterprise
- UNF
- amoCRM
- ip-tel
- UDS



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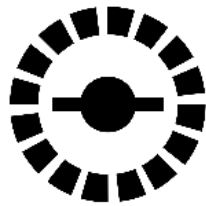
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Branded **specialist rig out**



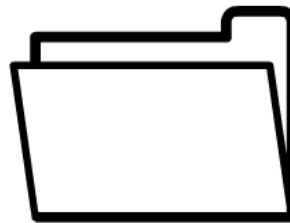
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Templates of contracts & documents



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CONTACTS



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