

**Future Green  
Microsystems Inc.**

**Offering You a  
3P Organization**

**P**erceptive Industry,  
**P**roductive Manufacturing,  
**P**roactive Management

## FGM, Innovative in Smart Industry

FGM was initially formed in 2004 as a research group in university under the name of micromachining group. To provide higher professional services, Future Green Microsystems Inc. (FGM) was founded in 2016 and with the support of university faculties and industry experts. With continuous effort and perseverance and taking advantage of artificial intelligence, IoT and MEMS, FGM could provide a comprehensive and flexible system for 3P management of businesses.

Instant access to information, making quick decisions and timely reactions for proactive management are only part of the results of using this comprehensive system for producers and industry owners.

All the efforts of FGM are to reduce energy consumption, increasing operational capacity, reducing the unwanted breakdown, improving the efficiency of the industrial equipment while increasing the quality and reducing the production costs.



### FGM Activates

FGM has published 17 patents so far and has focused on four main areas:

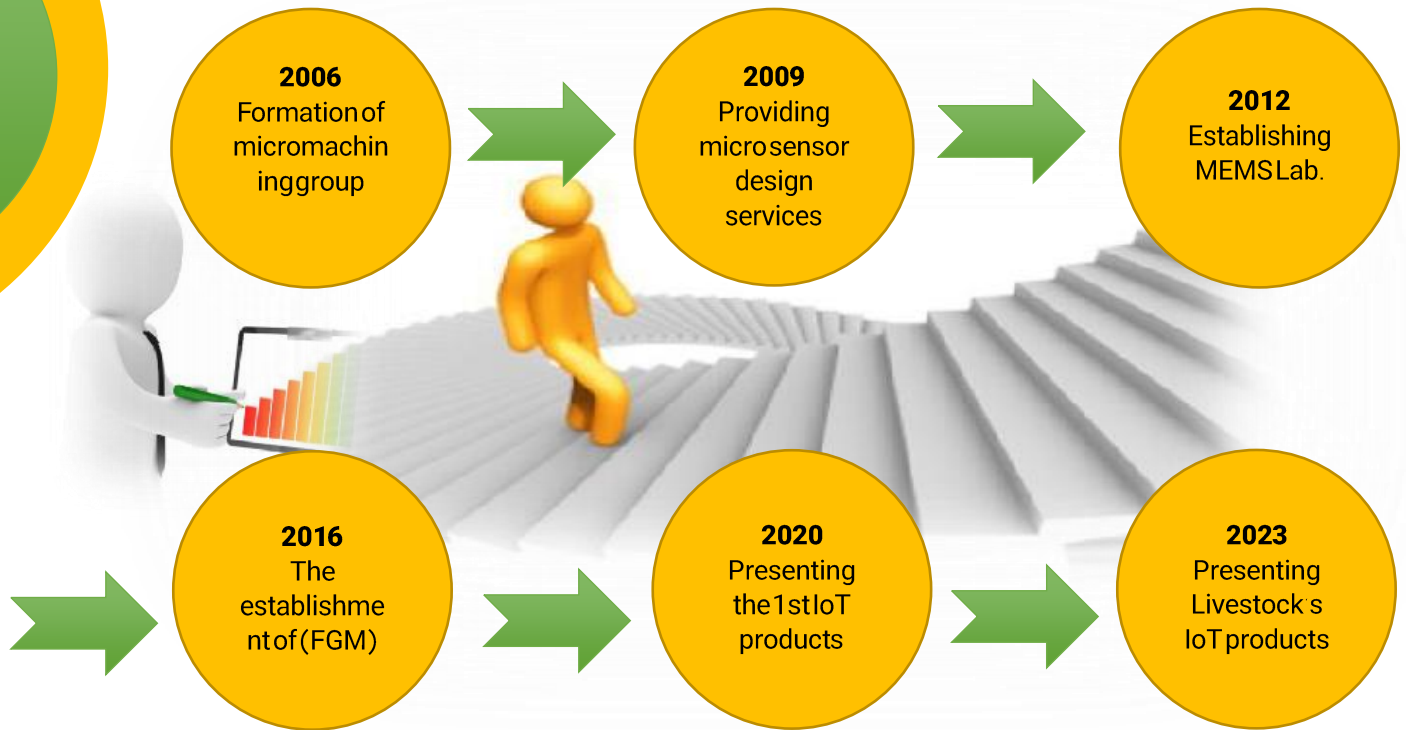
- Smart monitoring (repair and maintenance, fleet management, livestock welfare and warehouse)
- Design and manufacture of micro sensors (MEMS)
- Chemical absorbent and spill kits
- Mechatronics, automation and precision instruments



### FGM, along with smart industries

FGM has used all its power and knowledge to play an effective role in increasing productivity by providing smart solutions. FGM wants to enable manufacturers and industrial owners to be competitive in regional and global markets by increasing product quality and reducing price.

## FGM Development



### Why FGM?

- ✓ Extensive micro technology knowledge
- ✓ More than 20 years of experience in sensor design
- ✓ Experience of working with more than 30 large industries and organizations
- ✓ Efficient, expert and professional human resource
- ✓ Rich academic background

### 3P will help manufacturers to

- ✓ Reduce energy consumption by 20%
- ✓ Increase the quality of their products by 10%
- ✓ Increase operational capacity by using real-time measurement up to 30%
- ✓ Increase the efficiency of equipment
- ✓ Reduce the consumption of spare parts and warehouse costs by 25%
- ✓ Have a comprehensive and flexible system for smart management
- ✓ Create easy and transparent conditions for coordination and exchange of information
- ✓ Payback investment in a short time

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