

# EVGENY FILIPPOV

## Smartilzer Rus LLC founder and CEO, Smartirus-AI founder and GM

### MAJOR COMPETENCES:

Project/program/operations/engineering/region management in multisite distributed environment (SW & HW);

Strategic planning: vision/goals formulation, scorecards creation and tracking, mapping organizational goals with personal goals;

Financial management: budget creation and tracking; ability to operate in strong cost optimization conditions;

Customer relationship management: interaction with decision makers, new projects initiation; great knowledge of operation in best cost countries;

People management (800+ subordinates): goals tracking, relative performance assessment; people motivation in normal and crisis conditions;

Full development cycle support from marketing to manufacturing; entire product ownership including HW (mechanics and electronics) and SW;

Quality management: quality goals formulation and following, metrics creation, collection and tracking, task forces organization, customer and partner feedbacks collection and analysis, improvement plans creation and implementation; appraisals in accordance with ISO 9001-2008/2011, CMM/CMMI level 2-5;

Crisis management: situation analysis, team structuring and/or reorganization, reporting and communication schemas updating; improvement plans development, tracking and results reporting;

Innovation and IP: Patent Committee leading, Global Technology Leadership team member, Idea generation and feasibility study organization, R&D and CoE centers organization and support;

University program: organization and support of two Motorola laboratories in LETI and Emerson PlantWeb laboratory in SUSU, research and development projects at Universities in St. Petersburg and Chelyabinsk, IT-college, summer practices, internship on site in real projects in CIS region.

### EDUCATION:

In 2022 acceleration program in Scientific Park MSU (in progress)

In 2009 graduated from Communicative Manager program, Emerson;

In 2004 graduated from SW Business Management Institute, Motorola;

In 2000 graduated from Program Methodology and Project Process, formally ELMP, Motorola;

In 1995 conferred the dignity of an associate professor in computer science;

In 1988 conferred a PhD from St.Petersburg State Electrotechnical University with thesis "Formal Methods of Design of Active Calculating and Converting Circuits with Elements with Controlled Parameter";

In 1985 finished courses "Metrology of Research Projects" in St.Petersburg State Technical University;

In 1983 graduated from High State Patent Courses for managers, R&D engineers, and scientists;

In 1979 graduated from St.Petersburg State Electrotechnical University in Automatics and Telecommunications.

**WORK EXPERIENCE:** 45+ years in hardware and software development and testing

30+ years in project management

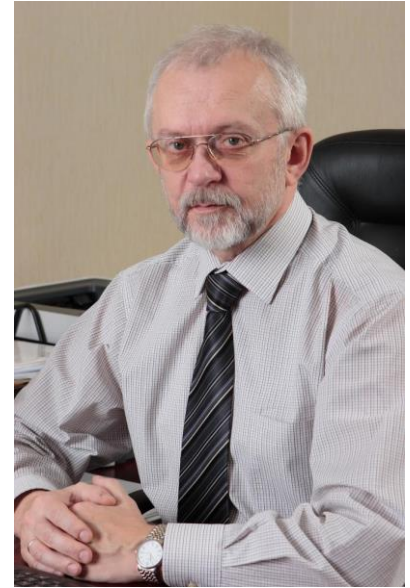
20+ years in Top Management positions

### Smartilzer Rus LLC (Since 2018), Smartirus-AI LLC (since 2022)

#### Founder, CEO

Creation of the company, new R&D center in St. Petersburg, new projects initiation and staffing, own product development, providing set of successful product releases. Financial management, strategy planning and business development, regional leadership team creation, close cooperation with partners Smartilizer Scandinavia AB, global leadership team participation as VP R&D.

Creation of Smartirus-AI LLC. Focus on Federated learning framework and platform development.



**Successful projects:** business process automation at industrial waste treatment industry; 3D architectural models visualization; electronic guides at travel & hospitality industry.

### **Luxoft (2015-2018)**

Director, St.Petersburg and Nizhniy Novgorod, 800+ employees

Management of 2 delivery centers (St. Petersburg, Nizhniy Novgorod), people management, financial management, strategy planning, regional leadership teams development, close cooperation with top management (MDs & VPs) as part of global leadership team. Domain knowledge analysis and competence based strategy development. Strategy mapping to personal goals of subordinates. New center creation in Nizhniy Novgorod (official opening in July 2017), office extension in St.Pete (January 2018). Cooperation with delivery heads on new business landing in St. Pete and Nizhniy. Customer visits organization and support. Cooperation with technical universities, corporate junior program improvement. Marketing team supervision, focus on internal and external PR. Finance, staff and efforts metrics gathering and analysis, non-billable efforts optimization.

**Successful projects:** landing of new automotive account in St. Pete with 130 HC staffed during 12 months; new center establishing in Nizhniy, landing 7 customer projects during 6 months.

### **Return On Intelligence - Exigen Services (2012-2015)**

Director, CIS, 600+ employees

Management of 6 CIS delivery centers (St. Petersburg, Nizhniy Novgorod, Kazan, Minsk, Odessa and Dnepropetrovsk), people management, financial management, strategy planning, regional leadership, close cooperation with CEO, COO. Strategy mapping to personal goals of subordinates. Centers reorientation: domain knowledge analysis and CoEs identification, key people review and assignments. Cooperation with technical universities. Marketing team supervision. Functional departments reorganization, overhead reduction. Finance, staff and efforts metrics gathering and analysis, non-billable efforts optimization.

**Successful projects:** Regional leadership team creation and support; Local sales team establishing; Global and local partnership with SAP; I-SMAC ideology development and promotion (Internet-of-everything, Social, Mobile, Analytics, Cloud), staff motivation in crisis conditions.

### **Emerson Process Management, Rosemount, Metran, Russia (2009 – 2011)**

Global Engineering Metran, Director, 180+ engineers

Management of two centers (Chelyabinsk & St. Petersburg), centers reorientation from local products to global product lines based on common platform; Global Technology Leadership team member, focus on Next Big Things; org. structure optimization, overhead reduction, regional strategy development, IP creation process (Patent Committee), cooperation with universities on research projects. Smart Pressure, Flow & Temperature meters development at world class level; transfer to manufacturing worldwide;

Mechanics, electronics and SW development in modern environment: Pro-E, Cadence, PSpice, TeamCenter, ClearCase, ClearQuest, MS TFS, MS C/C++/C#/Net; entire product ownership. Management of support activities: mechanical machining, electronic prototypes development, drafting. Full test cycle support: automated scenarios for pressure, temperature, flow, vibration, long life, etc; long life confirmation testing (up to 20 years); acceptance testing according to industry standards (Nuclear, Oil&Gas, Marine, etc.)

Full development cycle support: from marketing analysis to manufacturing and serial support;

ISO 9001:2008 certified; CMMI level 2+ certified.

**Successful projects:** Electronic Remote Sensors (Dec 2010, manufactured in Chanhassen, USA); Rosemount flow meter 8600 for convenient tier (Oct 2011, manufactured in China); Full redesign of Metran temperature product line (2012, manufactured in Chelyabinsk); Crisis management: transfer of electronics supply from Taiwan to Russia during 1.5 month in 2011 (after Taiwan flooding)

### **Luxoft, Embedded Systems Group, Russia (2007 – 2009)**

Managing Director of Embedded Systems Group, 200+ engineers

Managing of multisite distributed team: St. Petersburg, Kiev, Odessa. Cooperation with partners in Germany and US. Automotive entertainment/infotainment, navigation, and driver support systems; High precision measurement equipment SW; Digital TV and video/audio SW; New search algorithms comparison and evaluation for different 3D navigation formats;

**Successful projects:** management in crisis conditions. Restoring of managerial structure, training of PMs, improvement plan creation and implementation, customer communication hierarchy creation.

Implementation of navigation and infotainment systems SW for top tier cars (Harman Becker Automotive Systems); Creation of SW center of excellence at Automotive practice; International sales and presales

**St.Petersburg Software Development Center, Motorola, Global Software Group (1997 – 2007)**

Java Center of Excellence, Engineering Manager (since 2006), 250+ engineers

Wireless Platforms and Solutions, Sr. Operations Manager (2004-2007)

Java Technology, Operations Manager (2001-2004)

Work in multisite distributed environment on mobile phone Java VM and Java applications; Close cooperation with partners in US, India, China, France, UK, Japan;

**Successful projects:** Java VM optimization and acceleration (best in class Java VM for mid tier mobile phones in 2001-07); Java core mobile applications (“My fives” for T-Mobile; “Screen 3” Motorola news portal; Java CoE creation in St. Petersburg; Motorola Cosmos Java VM creation; G24 GSM module release.

**Information Business Support - Motorola contractor (1996 – 1997)**

**Successful project:** Common purpose Integrated Development Environment (design and coding)

**St. Petersburg State Electrotechnical University, Department of Computer Science (1988 – 1997)**

Research Engineer, Scientific Collaborator, Associate Professor

**Successful projects:** SW and HW development for embedded systems (leadership/development, 4 patents); Design and development of test system for flattening metal (leadership/development, 1 patent)

**St. Petersburg Institute of Refrigeration, Department of Electrical Engineering (1981 – 1988)**

**Successful projects:** Test system for refrigeration systems evaluation (research engineer, 1 patent).

**Computer Center, Microprocessor Systems Design Bureau, Leningrad Subway (1979 – 1981)**

**Successful projects:** Passenger's quantity measurement system (HW engineer, 2 patents);

Underground train traffic control system (HW engineer, 1 patent)

**PUBLICATIONS:**

30+ publications including 12 patents, presentations at different forums and conferences:

Novikova, E.; Fomichov, D.; Kholod, I.; Filippov, E. Analysis of Privacy-Enhancing Technologies in Open-Source Federated Learning Frameworks for Driver Activity Recognition. Sensors 2022, 22, 2983.

<https://doi.org/10.3390/s22082983> (WoS, Q1-Q2)

Kholod I, Yanaki E, Fomichev D, Shalugin E, Novikova E, Filippov E, Nordlund M. Open-Source Federated Learning Frameworks for IoT: A Comparative Review and Analysis. Sensors. 2021; 21(1):167.

<https://doi.org/10.3390/s21010167>

CEE-SECR 2012. 1-2 November, 2012. <http://www.secr.ru/talks/academic-program-as-a-key-element-of-staff-development-in-it-companies> <http://www.secr.ru/discussions/will-the-programmer-profession-survive>

VI national congress “Russia economy modernization: development priorities”, October 18-19, 2011

<http://www.rosstrategy.com/index.php/realizovannye/vi-natsionalnyy-kongress>

Presentation “Emerson Process Management. Innovation technologies. Technology of innovation”

TV interview for Russia-24, April 2011: Metran – Technology Transfer <http://www.youtube.com/watch?v=1ylj66Suwis>

Interview for Business Quarter magazine, January 2011: <https://chel.dk.ru/news/namestnik-korporacii-evgenij-filippov-236586720>

CEE-SECR 2010 <http://2010.cee-secr.org/lang/ru-ru/round-tables/software-development-centers-of-multinational-companies-in-russia-achievements-and-problems/>

Rosemount Innovation Forum & Innovation Awards Day 2010: Quantitative Project Management

Motorola Symposiums: Real Time Test System (SES'2000), Extensible System for Microcontroller Model Creation and Code Generation (MSS'99), Architecture of Development Systems (MSS'99)

**PERSONAL:**

Born: June 16, 1955 in Murmansk

Marital Status: Married (2 sons)

English: Fluent

E-mail: [Evgeny.Filippov@smartilizer.ru](mailto:Evgeny.Filippov@smartilizer.ru)

Mobile phones +7-921-323-13-70