

SOFTWARE TECHNOLOGY PARKS OF INDIA

FOUNDATION DAY

Newsletter

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FOUND ON DAY

STPI organises seminar on Positioning Bharat as a Tech Product Nation on its 33rd Foundation Day

> 22 Tech Startups attend STPI LEAP AHEAD Global Connect Program – USA



2	Message from Director General
3	Success Story: M/s FxUAV Technologies Pvt. Ltd.
4	Lead Story: STPI organises seminar on Positioning Bharat as a Tech Product Nation on its 33rd Foundation Day
6	22 Tech Startups attend STPI LEAP AHEAD Global Connect Programme – USA
7	 STPI Apiary CoE launches Pollen Propel Pre-Incubation Programme to promote blockchain startup ecosystem STPI FinGlobe CoE receives 221 applications for its debut Open Challenge Programme
8	 Motion CoE launches Open Challenge Programme to invite startups working in ACES mobility Ninth edition of CHUNAUTI launches for startups working in emerging technologies
9	 An MoU was signed to support fintech startups Awareness programme for internship model STPI Neuron CoE organises interactive session for startups on World IP Day 2024 STPI-Guwahati conducts one-to-one mentoring session for Octane CoE startups
10	 STPI Motion-incubated startup unveils electric taxi; revolutionises fleet management STPI officials participated in the conference on blockchain, metaverse and Web3
11	 Road Show for the 13th Strategic Electronics Summit by STPI STPI startups demonstrates their AgriTech products at Joint Agresco-2024 9 STPI startups showcases their innovation at ICAI's Startup Sphere 2024
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- Arvina Kumar
 Devesh Tyagi
 Subodh Sachan
 Amit Bansal
 Sangeeta Hemrajani
 Navneet Prakash Sharma
 Nanda Das

Message from ARVIND KUMAR Director General, STPI



It is a proud moment for STPI as it clocks 33 years of its existence. Over the past three decades, STPI has been at the forefront of India's journey in the IT and software services sector, playing a pivotal role in transforming the country's software exports. India's total software exports amount to over USD 200 billion, out of which more than half of this export is being executed through the STPI registered unit. In FY 2023-24, the total exports from STPI registered units were ₹9.9 lakh crore, which is a testament to the collective efforts, dedication, and innovative spirit of everyone involved with STPI—our employees, stakeholders and the thriving community of startups and IT companies, we support.

As STPI commemorates this special occasion, it is important to reflect on the remarkable achievements that have defined our journey. From 3 centres in 1991, STPI is today operating 65 centres in different cities and towns in the country, with 57 of its centres located in tier 2 and 3 cities. These centres not only nurture local talent but also create job opportunities, stimulate regional economies, and bridge the digital divide, contributing to a more inclusive and prosperous India. The recent unveiling of SAYUJ and STPI Workspace portal underscores STPI's commitment to fosterina entrepreneurship and bolstering IT/ITES industries in Tier-2 and Tier-3 cities. STPI is ensuring that technological advancements and economic opportunities are not limited to metropolitan areas but are accessible to all.

To meet the evolving needs of the IT/ITeS industry, STPI has been offering a range of services including statutory services, high-speed data communication facilities, state-of-the-art incubation services, world-class lab network and tier-3 data centres. Additionally, STPI is providing Vulnerability Assessment & Penetration Testing (VAPT) services to strengthen their cyber security for seamless operations. These services collectively aim to create a conducive environment for IT/ITeS companies to thrive and scale their operations. In addition to supporting the IT/ITeS industry, STPI is working to create a vibrant tech startup ecosystem for transforming the country into a software product nation. For this, STPI has established 24 Centres of Entrepreneurship (CoEs) pan-India in a collaborative model in emerging technologies and is supporting 552 startups, which have developed 749 prototypes and filed 339 IPRs so far. For supporting tech startups in tier 2/tier 3 cities, STPI has implemented the Next Generation Incubation Scheme (NGIS). Under this scheme, STPI is providing the startups with a funding support of ₹25 lakh. Around 530 startups have been supported under NGIS, 325 startups have received stipends and 106 startups have received funding.

Furthermore, STPI launched an acceleration program LEAP AHEAD in November 2023 for tech startups that are in the scaling stage, experiencing growth, diversifying their product lines, or planning to expand into new geographical locations. This initiative has three key pillars – quality mentorship, global connect and scaleup funding. For the first cohort of Leap Ahead (mentorship), 87 startups were selected out of the 546 applications received from 27 states. Under this initiative, 22 Indian startups attended a global connect program in Silicon Valley, USA and received favourable responses from global investors. The startups have bagged a commitment of over ₹ 55 crore.

With these initiatives, STPI continues to advance the IT industry and provide a conducive environment for entrepreneurship to prosper in India. As we celebrate the spirit of collaboration and partnership, we will continue to build upon the strong foundation laid over the previous three decades, and aim to achieve greater heights in the future.

SUCCESS STORY





M/s FxUAV Technologies Pvt. Ltd.

Revolutionising the EV industry by manufacturing a range of EV charging station products adaptive to consumer requirements

STPI Electropreneur Park Bhubaneswar CoE-incubated startup M/s FxUAV Technologies Pvt. Ltd., an Odisha-based enterprise, is a leading drone manufacturing company with a focus on innovation in the sectors of agriculture, mining, firefighting, and aviation. The startup has successfully tested its 5G-enabled drone in both public & private 5G cellular networks and has recently secured a patent for its technology. The 5G solution aims to provide unparalleled connectivity, enabling seamless integration of advanced technologies like IoT, AI, and autonomous system.

Founded in 2021 by Shri Subham Acharya and Shri Partha Sarathi Dash, the company has so far developed two more products. The company believes in the quality manufacturing of products and helps other startups in the manufacturing of Unmanned Aerial Vehicles (UAV). It also has expertise in drone components manufacturing, customized payload design and manufacturing. Ever since its inception, M/s FxUAV Technologies Pvt. Ltd. has developed three products.

Rakshak is a 3-in-1 Drone that can carry 3 payloads in a single payload system and can be beneficial for the disaster management team to handle the situation in an advanced way. **Solid Carbon Fibre Plates** have the propensity to withstand high temperatures and are corrosion and chemical-resistant with a low tendency to expand upon heating.

"We have seen UAVs' potential and our startup specialises in developing unmanned aerial systems and payloads for diverse civil applications. Amid the COVID lockdown, we honed our skills in composite manufacturing and drone software. Our journey has been fuelled by the hard work and dedication of our talented team and the unwavering support of our valued associates. At FxUAV, we are proud that we have pushed the boundaries of what's possible with drones, from cutting-edge aerial solutions to transformative industry applications. We are extremely thankful to the dynamic team of STPI and Electropreneur Park CoE in Bhubaneswar for their continuous guidance and support."



Shri Partha Sarathi Dash, Co-Founder, M/s FxUAV Technologies Pvt. Ltd.

In the next few years, the company envisions establishing the 5G base for drones so that all industries can start their 5G drone use cases or solutions. They are also planning to expand their product offerings to meet the diverse industrial needs.



STPI organises seminar on Positioning Bharat as a Tech Product Nation on its 33rd Foundation Day

STPI proudly celebrated its 33rd Foundation Day, commemorating over three decades of unparalleled contributions towards the Indian technology sector in terms of software exports, as well as towards nurturing a tech startup ecosystem on 5th June 2024. The event held at New Delhi with the theme of "Positioning Bharat as a Tech Product Nation" was graced by Shri S. Krishnan, Secretary, Ministry of Electronics and Information Technology (MeitY), Gol and Shri Arvind Kumar, Director General, STPI as well as other dignitaries from both the government and technology industry, such as Shri Vishal Dhupar, Managing Director, NVIDIA and Shri Tejas Goenka, Managing Director, Tally Solutions.

To strengthen the tech startup ecosystem through networking and affordable incubation space, STPI launched a networking and resource discovery platform (SAYUJ) and STPI Workspace portal (STPI-Workspace). STPI also announced its initiative towards developing cloud services under the brand name "Ananta", which will be made by Indians for Indians. Apart from the conventional Compute Infrastructure as a Services (IaaS) including GPU based services, Ananta will also offer Platform as a Service (PaaS), and Software as a Service(SaaS).

The event also saw the signing of two MoUs aimed at developing and nurturing a holistic ecosystem for fostering the next generation of tech startups in India. The first MoU was signed between Sabudh Foundation and STPI with the objective of creating skill-development initiatives and nurturing entrepreneurial training ecosystem in DeepTech for Engineering Graduates. The second MoU exchange was between AIC STPINEXT Initiatives and DBS Bank India Pvt. Ltd. aimed at strengthening the tech startup ecosystem in India.

The momentous inauguration ceremony also saw Shri S. Krishnan unveiling the DeepTech Knowledge Report on, 'Cutting-Edge Tech Forging India as a Software Product Nation', which would serve as the apparatus for transforming India into the new hub of innovation and entrepreneurship. This report provides strategic insights into the current state of cutting-edge technologies in India, as well as the challenges and opportunities for growth and innovation.



Today, STPI has a greater presence in Tier-2 and Tier-3 cities. That is a way that prosperity spreads. What we want to achieve is to help in aggregating talent and aggregating opportunity, through the possibilities of networking and digital connectivity."

Shri S. Krishnan, Secretary, MeitY

"Today is a proud moment for STPI. We have provided dedicated IT/ITES support since 1991, this has been made possible because of the hard work and perseverance of each and every member of the STPI family. We started our journey with three centres and today we have a presence in 65 centres across the nation. Looking forward, our mandate from the Ministry is to nurture entrepreneurship and bolster IT/ITES industries in Tier-2 and Tier-3 cities."

- Shri Arvind Kumar, DG, STPI





"Software products can have a tremendous impact on the last mile when it comes to providing quality health and education services. We must all strive to create the right ambition, develop focused skillsets, and foster the dedicated attitude in our talent pool."

- Shri Tejas Goenka, MD, Tally Solutions

"We are in the midst of the next industrial revolution, wherein AI intends to solve humanity's greatest problem called perception. The day is not far when digital assistance will replace your mobile. Hence, I think it is imperative to realize the true potential of AI. We are confident that AI will become the critical component of the next industrial revolution and will help usher in disruptive growth that we need to see in the digital economy."

- Shri Vishal Dhupar, MD, NVIDIA South Asia



The inaugural event was followed by two expert panel discussions, which had themes of "Brand Bharat: Harnessing the Power of IT/ITES for AI and Deep Tech", and "Brand Bharat: Accelerating Design and Development of Electronic Products in India" respectively. By empowering IT Industry and individuals, STPI has driven innovation and inspired the next generation of tech leaders, contributing to a brighter and more technologically advanced future for India. Through its dedication to innovation, inclusivity, and strategic partnerships, STPI has transformed India's technological landscape and positioned the country as a global leader in technology.





22 Tech Startups attend STPI LEAP AHEAD Global Connect Programme – USA

STPI launched the LEAP AHEAD initiative in November 2023 under the NGIS with three key pillars – quality mentorship, global connect and scaleup funding. For the first cohort of the LEAP AHEAD (mentorship), 87 startups were selected out of the 546 applications received from 27 states. These 87 startups were mentored for over three months. Under the Global Connect pillar of LEAP AHEAD initiative, STPI has provided an opportunity for the 22 tech startups to expand their geographical reach and enable them to have a hands-on experience of the dynamics of the Investor-Startup relationship. A 5-day global connect programme was held in Silicon Valley, USA from April 30, 2024 to May 4, 2024.

The programme commenced with a comprehensive overview of Global Connect objectives, followed by an immersive exploration of innovation hubs at Meta Headquarters, Menlo Park. On May 1, 2024, the Startup Bootcamp, facilitated by Prof. Naeem Zafar, focused on investment strategies and pitching techniques. The day concluded with a pitch competition, where **M/s Devnagri AI Pvt. Ltd.**, a STPI startup, emerged as the winner in the contest which saw the participation of tech startups across the globe.

The following day, May 2, 2024, featured personalized mentorship sessions and valuable partnerships with venture capitalists, empowering startups to strategize their paths to success. Additionally, 6 STPI startups were honoured with the prestigious TiE50 title, showcasing their innovative solutions on a global scale.

The startups which won TiE50 awards are:

- 1. M/s Devnagri Al Private Limited
- 2. M/s Primary Healthtech Private Limited
- 3. M/s RevoQuant AI Private Limited
- 4. M/s Zimyo Consulting Private Limited
- 5. M/s HanuAl Private Limited
- 6. M/s Naga Education Private Limited

Finally, on May 3, 2024, startups dedicated their efforts to refining their pitches further. In addition to these activities, startups had the opportunity to attend captivating sessions led by industry leaders including Mr. Jensen Huang, Founder and CEO, NVIDIA; Mr. Jay Choudhary, CEO, Chairman & Founder, Zscaler, Inc.; Mr. Nikesh Arora, Chairman & CEO, Palo Alto Networks and Mr. Amit Sangnani, Senior Director of Partner Engineering, Meta.

These sessions provided valuable insights into building and scaling companies, differentiating between disruptive and incremental strategies. On May 4, 2024, startups also participated in a session focused on US expansion strategies, facilitated by Inventus Law. As a result of the comprehensive programme, startups are now poised for global success as they are equipped to make significant contributions to the tech startup ecosystem.

Three startups: **M/s Naga Education Pvt. Ltd.**, M/s Qik Enterprises Pvt. Ltd. and **M/s Trexova Wellbeing Pvt. Ltd.** have gained investor interest during the Global Connect programme.





STPI Apiary CoE launches Pollen Propel Pre-Incubation Programme to promote blockchain startup ecosystem

STPI Apiary, a CoE in blockchain technology, has launched Pollen Propel Pre-Incubation Programme on 13th June 2024 aiming to have a capacity building strategies for tech students. The programme was launched in the gracious presence of Shri Arvind Kumar, Director General, STPI; Shri Voruganti Aravind, Vice President, Information Data Systems Inc. (IDS); Shri Ashok Gupta, Director, STPI; Shri Subodh Sachan, Director, STPI as well as other dignitaries from both the government and technology industry.

The programme is a strategic effort to build new capacity in the rapidly evolving field of Blockchain technology, providing a robust platform for promising startups to thrive. The eight-week long Pollen Propel Programme comprises of 4 modules, which are going to be covered in 16 sessions. The pioneering initiative will offer a substantial opportunity to innovative minds working in this technology for addressing issues that necessitate usage of Blockchain for establishment of trust in a decentralized manner and other purposes. It will also focus on transforming blockchain ideas into innovative ventures by offering state-of-the-art technology, comprehensive resources, hands-on workshop, and expert-led sessions delivered by industry leaders and solution architects.

During the launch of the event, Shri Arvind Kumar emphasized on the importance of this programme in building a strong foundation for future tech leaders, "Our goal with the Pollen Propel Pre-Incubation Programme is to equip tech students with the knowledge and skills they need to thrive in the digital economy. By investing in capacity building, we are ensuring a brighter future for our technology sector. Apiary is committed to handholding and guiding young tech minds through challenges faced by the startups in their entreprenurial journey."

Sharing his insights, Shri Voruganti Aravind, Vice President, IDS said, "We are witnessing a unique confluence of trends of Entrepreneurship 2.0, Web 3.0 and Industry 4.0, which are together helping startups to ideate, innovate and implement solutions to real world problems. The Pollen Propel pioneering pre-incubation programme aims to not only build new capacities, but also equip budding engineers with the knowledge, skills, and resources required to excel in blockchain technology."

STPI FinGlobe CoE receives 221 applications for its debut Open Challenge Programme

To encourage creation of products and services by startups for penetrating new areas of the financial system, STPI FinGlobe CoE at Gandhinagar has launched its first Open Challenge Programme (OCP). The OCP aims to change the competitive landscape of the financial industry, which in turn can motivate the traditional financial firms in the Gujarat region.

By participating in the OCP, the FinTech, TechFin startups

will get a platform to innovate new products through services including physical infrastructure, resources, technology support, mentoring, training, funding, marketing among others. FinTech is one of the emerging industry and continuously growing with the support of government policies, entrepreneurial mindset and capital investments.

221 applications have been received for the OCP, which are currently in the shortlisting stage.

Motion CoE launches Open Challenge Programme to invite startups working in ACES mobility

STPI Motion, a CoE working in Autonomous Connected Electric Shared (ACES) mobility in Pune, has launched its OCP on 23rd June 2023 amidst the presence of Shri Arvind Kumar, Director General, STPI; Shri Bipin Shrimali, Additional Chief Secretary, Govt. of Maharashtra & MD, MPBCDC; Dr. Ganesh Natarajan, Chief Mentor, Motion CoE & Chairman-5F World & Honeywell India; Smt. Rashmi Urdhwareshe Former Director, Automotive Research Association of India, Shri Sanjay Gopinath Head, Marketing & Communications, Accelerator/Startups programme, MathWorks India; Shri Prasad Warule General Manager, EV Powertrain, Tata Motors; startups fraternity; academia and incubator community.

The OCP aims to provide opportunity to startups showcasing their groundbreaking ideas, products and solutions related to ACES mobility.

During keynote address, Shri Arvind Kumar emphasized the purpose of OCPs and their impact on startups and technopreneurs. He expressed that OCPs aim to bring out the best in these entrepreneurs, recognizing their potential and bright future in the entrepreneurial landscape. Additionally, he urged the startup fraternity to actively participate in the OCP on a large scale to avail the benefits offered by the Motion CoE facility.

During this event, special recognitions were given to the startups that successfully graduated from the Motion CoE. These startups were recognized for their achievements and progress in their entrepreneurial journey.



Identifying and Supporting Promising Startups in EmergingTech

Ninth edition of CHUNAUTI launches for startups working in emerging technologies

STPI has launched CHUNUATI 9.0 under Next Generation Incubation Scheme (NGIS) on 1st May 2024. This initiative aims to identify and support promising startups dedicated to developing innovative products and solutions in the realm of emerging technologies.

CHUNAUTI 9.0 is designed to provide a comprehensive support system for selected startups, offering them not only financial assistance but also access to state-of-the-art infrastructure, mentorship from industry experts, and networking opportunities with potential investors. The programme seeks to catalyze the growth of startups working on groundbreaking technologies such as artificial intelligence, blockchain and the Internet of Things (IoT). By nurturing these startups, STPI aims to position India as a global leader in technological innovation. 666 applications were received, out of which 186 applicants are shortlisted for next stage i.e., pitch presentation at regional level in front of Regional Management Committee, which is underway.

Startups having innovative Idea/Product/Solution focused including but not limited to the following:

- FinTech Financial inclusion
- Healthcare & Wellness
- Education & Skill Enhancement
- DeepTech
- E-Commerce
- Enterprise Software SaaS
- Environment

- E-governance Solutions last mile online delivery of services to citizen
- Tourism & Hospitality
- Agriculture
- Cyber Security
- Assistive Technology Solutions for Persons with Disabilities

An MoU was signed to support fintech startups

STPI, STPINEXT in association with M/s TransUnion CIBIL Ltd. aim to provide a supportive environment for emerging fintech companies to thrive and succeed. In this connection, a tripartite MoU was signed on 13th May 2024 between STPI, STPINEXT and M/s TransUnion CIBIL Ltd. to streamline and support fintech startups in utilizing the CIBIL API platform. This MoU signifies a partnership aimed at fostering innovation and growth within the financial technology sector.





Awareness programme for internship model

An internship awareness programme was held at STPI IoTOpenLab CoE, Bengaluru on 19th June 2024 for 120+ selected students from AMC College of Engineering, Dayananda Sagar College of Engineering & Dayananda Sagar ATM, Acharya Institute of Technology, Channabasaveshwara Institute of Technology to develop their innovative & novel projects in IoT/Industry 4.0.

STPI Neuron CoE organises interactive session for startups on World IP Day 2024

STPI Neuron CoE, Mohali celebrated World Intellectual Property Day on 26th April 2024 with a captivating virtual session by key speaker - Dr Bijay Kumar Sahu, Senior Regional Manager and Programme Head (East), National Research Development Corporation. In the session, he highlighted the importance of IPRs and their impact on innovation and creativity. Dr. Sahu also addressed all the queries raised by startups and concluded his speech by underlining STPI's crucial role in promoting deep tech startups and fulfilling the government's vision of Digital India.



STPI-Guwahati conducts one-to-one mentoring session for Octane CoE startups

In the continuous endeavour of supporting tech startups under STPI CoEs, STPI-Guwahati has conducted one-to-one mentoring sessions on 6th June 2024 for its incubated startups - M/s AizallQ Studio Pvt. Ltd. and M/s Logicasna Pvt. Ltd. Mr. Shamik Ukil, Chartered Accountant & Expert in Legal services for Startups, imparted insight on how to secure maximum funding for the startup.



STPI Motion-incubated startup unveils electric taxi; revolutionises fleet management

The CT5 is set to transform the taxi industry with its sustainable design and user-friendly features.

STPI MOTION-CoE incubated startup M/s Vayve Commercial Mobility Pvt. Ltd. has unveiled an exclusive new Solar-electric taxi CT5 to meet the needs of passengers, drivers and fleet operators looking for green transportation options. The new vehicle represents a significant leap forward in sustainable urban transportation after their first solar electric car, Eva.

The CT5 is powered by a combination of solar energy and electric power, offering an eco-friendly alternative to traditional fuel-based vehicles. This cutting-edge taxi is designed to reduce carbon emissions and promote the use of renewable energy sources, making it a crucial addition to the growing fleet of green transportation options.

The CT5 boasts a sleek design and advanced technology, including a highly efficient solar panel array integrated into its roof, which supplements the vehicle's electric battery. This design not only extends the range of the vehicle but also reduces the need for frequent recharging, making it a practical choice for urban areas.

CT5 offers an impressive range of up to 330 km on a full charge, with an additional 4000 km per year powered by its integrated solar panels. This dual power system significantly reduces the vehicle's need for frequent recharging, making it an ideal choice for long-distance urban travel. The CT5 features a spacious cabin with ample legroom, ensuring passenger comfort on every journey. Additionally, it boasts a generous 500-litre boot space, providing plenty of room for luggage and cargo. The vehicle's advanced technology also enhances fleet management capabilities, offering real-time data tracking and analytics to optimize operations and reduce costs.

STPI officials participated in the conference on blockchain, metaverse and Web3

STPI-Hyderabad officials participated in the 4th International Conference on "Unlocking Potential of Blockchain, Metaverse & Web3: Opportunities & Challenges for Accelerating Use Cases, Towards Viksit Bharat" on 14th June 2024 at IIT Hyderabad. It was organised by Blockchain for Productivity Forum (BFPF) in collaboration with Centre for Development of Advanced Computing (C-DAC) Hyderabad.

The event saw panel discussions, focussing on emerging trends in blockchain technology, metaverse, and Web3, industry use cases, and capacity building to accelerate blockchain, metaverse, and Web3 adoption. Discussions also covered the national blockchain framework and government use cases. Experts from industry, government, academia, Blockchain for Productivity Forum, and C-DAC Hyderabad actively participated, sharing their experiences and presenting blockchain-based solutions they developed. Over 100 delegates attended the conference.



Road Show for the 13th Strategic Electronics Summit by STPI

Electronic Industries Association of India (ELCINA), in collaboration with STPI, conducted an Industry Road Show on 26th June 2024 in preparation for the upcoming 13th Strategic Electronics Summit (SES). This year's conference theme was "Strategic Electronics -Roadmap for 2047". The event saw participation from numerous Electronics System Design & Manufacturing (ESDM) units and they showcased their innovative products. During the event, Dr Sanjay Tyagi, Director, STPI-Chennai delivered a special address highlighting the pivotal role STPI plays in fostering the growth of Electronics manufacturing in India.



STPI startups demonstrates their AgriTech products at Joint Agresco-2024

STPI Fasal CoE-incubated startups participated and demonstrated their innovative AgriTech products to the farmers and dignitaries at the Joint Agresco-2024 organized by Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola during 7th to 9th June 2024.



9 STPI startups showcases their innovation at ICAI's Startup Sphere 2024

AIC STPI Bengaluru actively participated in the ICAI's Startup Sphere 2024 event, held between 27th to 29th June 2024 at Karnataka Trade Promotion Organization (KTPO), Bengaluru. 9 AIC-incubated startups demonstrated their products and solutions at the event that aims to bring together the startup community, partners, unicorns, influencers, founders, investors, leaders, and entrepreneurs to discuss a wide range of topics related to startups. Startups also attended sessions on governmental support for startups, alternative funding sources such as revenue financing, debt and hedging, new opportunities for startups, term sheets, shareholders agreements, legal documents, and other key clauses.







Software Technology Parks of India

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