



Process Measurement and Control Solutions

Finesse was founded to bring digital, plug-and-play solutions to life science customers, so as to improve the management of complex bio-process applications. Our initial focus is on improving sensor, hardware, and software solutions for process control in the biotechnology and pharmaceutical industries.

Finesse = Sensors + Hardware + Software

Our objective is to provide unequalled sensor, hardware, and software solutions to life science applications. As such, we are constantly developing and introducing new products that deliver improved capability, reliability, and quality. To date, our products include next generation single-use optical sensors, digitally-enabled hardware for plug-and-play process control, and easy-to-use software whose analytics scale from research into production.

Our mission is to

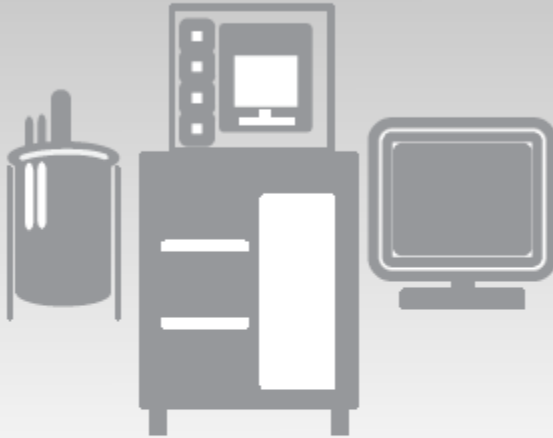
1. Pioneer novel real-time, in-process measurement and control solutions
2. Build affordable products that are highly capable yet easy-to-use, and very flexible yet plug-and-play, and
3. Produce high quality products which exceed customer performance and service expectations

Our vision is to

Improve the productivity of our life science customers through novel measurement and control solutions that span both upstream and downstream bioprocesses.

Impossible only means that you haven't found the solution yet.

We provide complete solutions



We'll configure to order a powerful, affordable bioreactor automation system for you. Our next-generation sensor, hardware and software solutions simplify your data collection, harmonize your peripherals and provide unequalled performance, thanks to their DeltaV heritage. We also offer the only complete and scalable single-use solutions on the market.

[FREE DEMO](#)

User Friendly



Increased Productivity



Scales Up Rapidly



Realtime Control



Space Saving



Easy to Install



Very Affordable



Your investment goes a lot farther



We've priced our sensors, hardware and software very affordably. (Our high-performance Cell Density Loop, for example, costs roughly the same as a DO loop.) Our innovative design and manufacturing allow us to offer high-quality products at lower prices. We're committed to pioneering affordable, reliable, next-generation solutions for the life sciences industry.

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The Power of Point-and-Click



Our TruBio Bioprocess Control Software puts a user-friendly interface on the DeltaV controller – giving you added functionality with the click of a mouse. You can easily create sophisticated control strategies, email configuration files for rapid process tech transfer and more. Now you can finally automate and modify your bioreactor processes – without any DeltaV programming.

[FREE DEMO](#)

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Rapidly



Realtime
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Very
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Dramatically increase productivity



Our solutions not only automate your data collection, they let you leverage your data in powerful new ways. You can configure, modify, save and reuse an unlimited number of complex bioreactor control strategies – each in a matter of seconds. You can replicate experiments at remote sites simply by emailing a text file. View and analyze real-time and historical trends and more.

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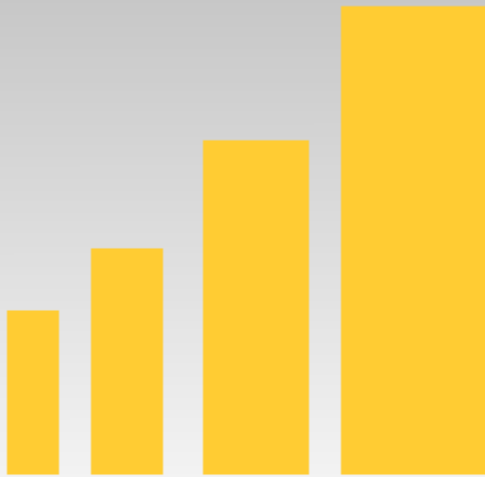
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Developed with GAMP4 methods, validated for cGMP applications, and designed to be hardware independent, TruBio Bioprocess Control Software is a highly scalable solution. Use TruBio to optimize your process in R&D using design of experiments (DOE), then rapidly scale up to GMP manufacturing. Our TruViu hardware scales rapidly – from 1L glass to 2,000L single-use bioreactors.

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Measure and control in real time



Now you can monitor critical process parameters in real-time and change them with a few clicks of a mouse. You don't even have to be on site. You can correct potential problems from a remote laptop anywhere in the world. You can also monitor your sensors' health, receive remote alarms, and more. Our single-use sensors let you directly input calibration constants using RFID.

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Designed to fit your space



We know your floor space is at a premium – especially in R&D labs. That’s why we’ve designed our hardware as modular components. Light-weight and easy to move, their small footprint lets them be tucked away in niches – on shelves or under bench tops. On the production floor, our highly mobile, re-configurable and scalable hardware gives you the ultimate flexibility.

[FREE DEMO](#)

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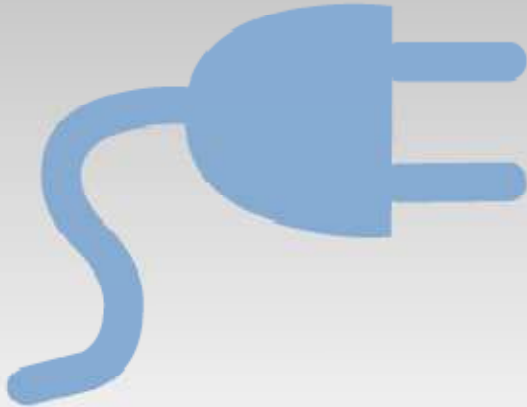
Easy to Install



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Our "plug and play" solution



Our components are easy to install right out of the box. This plug and play capability gives lab scientists and other non-engineering staff the flexibility to quickly add or change components and peripherals as processes or experiments change. Planning for the future has never been this easy. You can add what you need when you actually need it.

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User Friendly



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The Team

Barbara A. Paldus, Ph.D.

CEO

Barb was most recently the CTO of Picarro, a company she founded in 1998. At Picarro, she was responsible for technology strategy, research, and business development, which led to a solid-state Cyan laser product in 2003 and cavity ring-down spectroscopy products in 2004. Barb is currently a partner at Skymoon Ventures. Barb received both her Ph.D. (1998) and M.S.E.E. (1994) degrees in electrical engineering from Stanford University, and her BS (1993) in electrical engineering/applied mathematics from the University of Waterloo.

Mark Selker, Ph.D.

Chief Technical Officer

Mark has worked and published in various areas within the optics industry including space based and commercial lasers/nonlinear optics, analog and digital optical communication, near field optics/plasmonics and bio-optical systems. He has worked for NASA, Coherent Laser Group, Harmonic, and most recently has been a visiting scholar at Stanford University. Mark received his Sc.B. and Ph.D. in electrical engineering from Brown University in 1986 and 1990 respectively.

Basil Zimmo

VP Software

Basil brings over 19 years of international program and senior management experience, with a focus on implementing high efficiency engineering, resource optimization, and global performance metrics. Basil was most recently the Senior Program Manager for handheld products at Research in Motion (RIM) where he successfully led the end-to-end development of several handheld products. Prior to joining RIM, Basil held senior management roles at Picarro Canada, Inc. and telecommunications companies such as Nortel Networks and JDS Uniphase, and has held positions at semiconductor chip companies such as Mitel Semiconductor, Phillips Semiconductor, GEC Plessey and Hughes Aircraft Company. Basil received his B. Sc. in Electronics and Microcomputer Systems from the University of Dundee at Dundee, Scotland, in 1988.

Mark Sloan

VP Operations

Mark brings over 17 years of operations experience from the telecommunications and industrial equipment industries. He is a seasoned startup veteran, specializing in new product introduction processes and advanced manufacturing engineering. Mark also has strong background in developing complex optical and electronic packaging. Prior to joining Finesse, he was the Manufacturing Technology Manager at Pedestal Networks, a DSLAM equipment provider, and Manufacturing Engineering Manager at Big Bear Networks, the first commercial provider of 40Gigabit Optical Transponders. Mark received a BS in Industrial Engineering from California Polytechnic State University at San Luis Obispo in 1988.

Board of Directors

Barbara Paldus

Chairman

Mike Farmwald

Director, Skymoon Ventures

Mike Farmwald is a serial entrepreneur who founded six companies to date, five of which were financed in part by Benchmark Capital, where he is a Venture Partner. Most recently, Mike co-founded Matrix, which was acquired by SanDisk. Mike is probably best known for co-founding Rambus. Prior to Rambus, Mike founded FTL in 1986. FTL, an ECL supercomputing company, merged with MIPS in the same year. At MIPS, Mike served as Chief Scientist for High End Systems. Following his experience at MIPS, Mike was an Associate Professor of Electrical and Computer Engineering at the University of Illinois. Mike holds a BS degree in Mathematics from Purdue University and a Ph.D. in Computer Science from Stanford University.

Edward C. Grady

President and Chief Executive Officer of Brooks Automation, Inc.

Edward C. Grady is the president and chief executive officer of Brooks Automation. Prior to joining Brooks in February 2003, he successfully ran several divisions at KLA-Tencor, including the largest revenue and profit-producing group, helping grow the business to a level in excess of \$1 billion in revenues. Prior to KLA-Tencor, he served as president and CEO of Hoya Micro Mask for three years, driving restructuring and cost reduction initiatives to transform the business from a loss to a profit in two years. He started his career as an engineer for Monsanto/MEMC, and during his 14 years with the company, rose to the position of vice president of worldwide sales for EPI, the most profitable division in MEMC. During his 30 years in the industry, Mr. Grady has held a number of responsibilities that included engineering, sales, product marketing, strategic marketing and management of profit and loss operations. He holds a Bachelor of Science degree in engineering from Southern Illinois University and a MBA from the University of Houston. He currently serves on the Board of Brooks Automation Inc. (BRKS), Evergreen Solar Inc. (ESLR), Integrated Materials Inc. and New Wave Research.