

# Mike Ross

---

Chief Technology Officer ° Vice President, Technology ° Vice President, Software Engineering ° Managing Director, Software Engineering ° Award winning Software Designer / Developer ° Proven Director of successful Retail Software Initiatives ° Experienced in MVP driven, Agile methodologies ° Effective Technical Recruiter ° Proven Technology Innovator ° Seasoned Software Architect

310-717-5228 | [mike@thetechnologist.info](mailto:mike@thetechnologist.info) | 24876 E. Dry Creek Dr. Aurora, CO, 80016 | <http://www.thetechnologist.info/>

## Work Experience

### **Chief Technology Officer**, *Precision Discovery, Inc. (eDiscovery, Forensics, Software Development)*

August 2015 – March 2017

- Helped negotiate lease equipment savings YOY averaging over 50% reduction from initial quote.
- Introduced performance review system that contributed to 98% technical staff retention over ~9yrs.
- Implemented 'tiering / banding' across the technology organization, normalizing positions, salaries and defining a growth path. This led to a 25% reduction in hiring expenses, while contributing to high technical staff retention.
- Expanded the companies focus from internal, operational software to the definition and execution of a retail software initiative. Using the 'lean startup' model, an MVP (minimum viable product) was produced on schedule, without any additional funding. This was achieved through focusing priorities and optimizing our processes – allowing us to repurpose 30% of our technical resources.
- Grew the capacity of our high performance, high capacity data center to keep pace with 'big data' eDiscovery opportunities. 2016 saw our overall capacity expand 100% to ~2 petabytes, performance improve 60%, with a YOY CAPEX increase of 40%. This was achieved while maintaining an 'uptime' of 99.8%.

### **Vice President - Technology**, *Precision Discovery, Inc. (eDiscovery, Forensics, Software Development)*

August 2013 – August 2015

- Reorganized the technology division, introducing shared technical resource teams. Following a 'PMO' model - the mandate of Product Management, Project Management, Technical Architect, Quality Engineering & Configuration Management expanded cross-company. This reduced the need for new staffing and redundant overhead by 35% while maximizing process standardization and utilization.
- Optimized our eDiscovery operational workflow to reduce 'fragility' by 80%, while converting 'high touch' manual processes to machine time through software automation. This resulted in an overall throughput increase of 40%. This was achieved through a combination of software solutions and workflow optimizations.
- Saved a data center migration project from failure, delays or cost overrun. Migration was completed with no unscheduled downtime.

### **Managing Director – Software Development**, *Precision Discovery, Inc. (eDiscovery, Forensics, Software Development)*

June 2008 – August 2013

- Restructured software development to better support operations (quick turn) and business workflow initiatives. Improved operational development turnaround by 50%, while preparing business workflow teams for agile methodologies.
- Introduced project management, quality engineering and technical support teams, reducing project cost / time overrun by 15% while improving the quality and stability of deployed software.
- Delivered a proprietary data transformation tool that helped secure a client engagement that has produced \$10m billables annually for 8 years.
- Delivered an assortment of business workflow tools, automating billing, case management and invoice review. Collectively, these software solutions reduced our monthly billing cycle by 10 days, while reducing invoicing errors by 40%.

# Mike Ross

310-717-5228 | [mike@thetechnologist.info](mailto:mike@thetechnologist.info) | 24876 E. Dry Creek Dr. Aurora, CO, 80016 | <http://www.thetechnologist.info/>

## Managing Director (previously Senior Engineer) – Software Development, Earthlink, Inc. (Internet dial-up, Cellular)

June 2006 – June 2008

- Introduced agile software development methodologies (pair programming, test driven development, sprints) to the client application teams, producing higher quality code (20% reduction in QE cycles) while achieving business critical knowledge transfer.
- Expanded the working relationship and coordination between product management and client application development, reducing project cycle waste by 25%.
- Contributed to a significant upgrade of TotalAccess – Earthlink’s client dialup application.

## Senior Architect – Client Team, EpicRealm, Inc. (Data deployment / Caching)

June 2004 – June 2006

- Designed / implemented a Java / Swing based streaming media content delivery agent.

## Senior Architect – Database Technology, Asymetrix, Inc. (Database Modeling)

June 2001 – June 2004

- Designed / implemented a C++/Assembly database subsystem, significantly improving CRUD performance.

## Senior Architect – Communications Layer, Datastorm, Inc. (PC / Communications)

June 1998 – June 2001

- Designed / implemented a high performance ring buffer increasing throughput by 25%, eliminating buffer overrun.

## Senior Architect, Pretty Good Software (Retail Application Development)

June 1992 – June 1998

- NotaryAssist - OS X notary accounting application developed for LavaTurtle Software.
- MacFreelance - OS X small business accounting application developed for MacWare Inc.

## Development Manager – OS/2 Client Software, IBM / Microburst (Retail Software Development).

January 1990 – June 1992

- Delivered Legato – IBM’s OS/2 integrated office application suite on time and on budget.
- Produced an operational Windows version of Legato that consisted of 85% shared code.

---

## Software Successes

NotaryAssist	- Lavaturtle, OS X Notary bookkeeping / accounting.
MacFreelance	- Macware, accounting / billing software. Sold by Apple Retail.
TotalAccess	- Earthlink, award winning dialup client.
Quest	- Gupta, award winning graphical data query tool.
SQLWindows	- Gupta, award winning SQL / 4GL development tool.
Procomm Plus	- Datastorm, award winning communications suite.
Legato	- IBM, OS/2 & Windows integrated office software.
InfoModeler	- Asymetrix, award winning database visual modeling tool.

## Skills

C, C++, Objective-C, Swift, Assembly (6502, 68000, 8088), .net, asp.net, Java, Javascript, HTML5, CSS3, Swing, iOS, Android, Visual Studio, Android Studio, xCode, Github, TFS, Sourcesafe, CVS, AWS, SNS, Firebase, Agile methodologies, test driven development, units, project management.

References available upon request.