

### Total Register Automation

#### Headquarters

Semifore, Inc.  
1000 Elwell Court, Suite 150B  
Palo Alto, CA 94043  
(650) 960-0200

#### The company

By virtue of their experiences at Silicon Graphics, StratumOne and Cisco, Rich Weber and Jamsheed Agahi realized that the major EDA players did not provide a practical automation solution for the specification and implementation of the hardware/software interface and founded Semifore in 2006 specifically to solve this problem and overcome prevailing industry limitations by:

- Developing a methodology that delivers productivity and functionality across all teams and minimizes overall project risk
- Protecting customers from hidden costs associated with service-based approaches by providing the only tool available for a total in-house capability
- Participating in relevant standards bodies to understand and influence their direction for the benefit of customers

#### Our solutions

CSRSpec™

- Design-authoring language that is a superset of all relevant industry standard data models

CSRCompiler™

- High-performance cross-compiler with advanced syntax and semantics checking. Creates targeted outputs for RTL, software, verification and documentation teams

#### Standards participation

Accellera IP-XACT, IEEE 1685-2009 (2006 – present)  
Accellera UVM (2011- present) SystemRDLv1 (2006 – 2008)  
SystemRDLv2 (2012 – present)  
Accellera Portable Stimulus Working Group (2014 – present)

#### Markets Served

Include: Aerospace, Communications & Networking, Semiconductor, Graphics and Medical industries

#### Executive team

Rich Weber	CEO
Jamsheed Agahi	VP Engineering
Herbie Winsted	VP Customer Care