Q1) Company Needs From FM / Opportunities ?

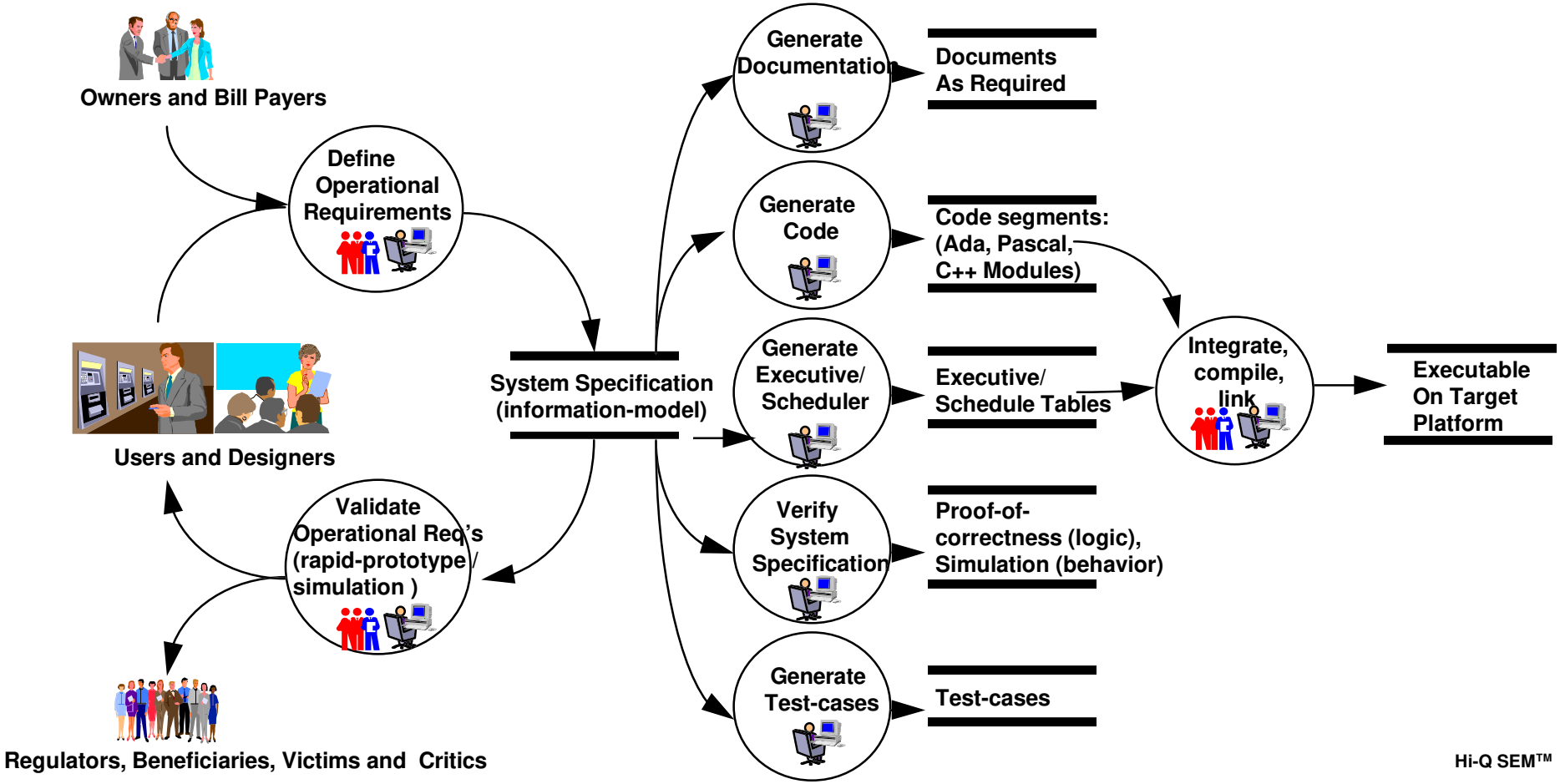
A1) Improve system safety.

Reduce development costs and cycle-time.

Support Model-based Avionic System Development

- **capture operational embedded nature of systems**
- **capture reactive nature of systems**
- **easy to understand (visualization)**
- **easy to generate code**

Model-Based System Development



Q2) State of FM ?

A2) Concept strong.

<u>Areas Requiring Additional Work</u>:

- **Strengthen visualization techniques.**
- **Take advantage of code generation .**
- **Address regulatory issues.**

Q3) Transfer of technology ?

A3)

- **Educate, Educate, Educate (be patient)**
- **Package and market easy-to-use product**
- **Address cycle-time and cost issues (as well as safety)**
- **Demonstrate development & certification of "real avionic system" (joint FAA/NASA/ORA/Honeywell pilot project)**