Army/Contractor Integrated Team: SED & SAIC

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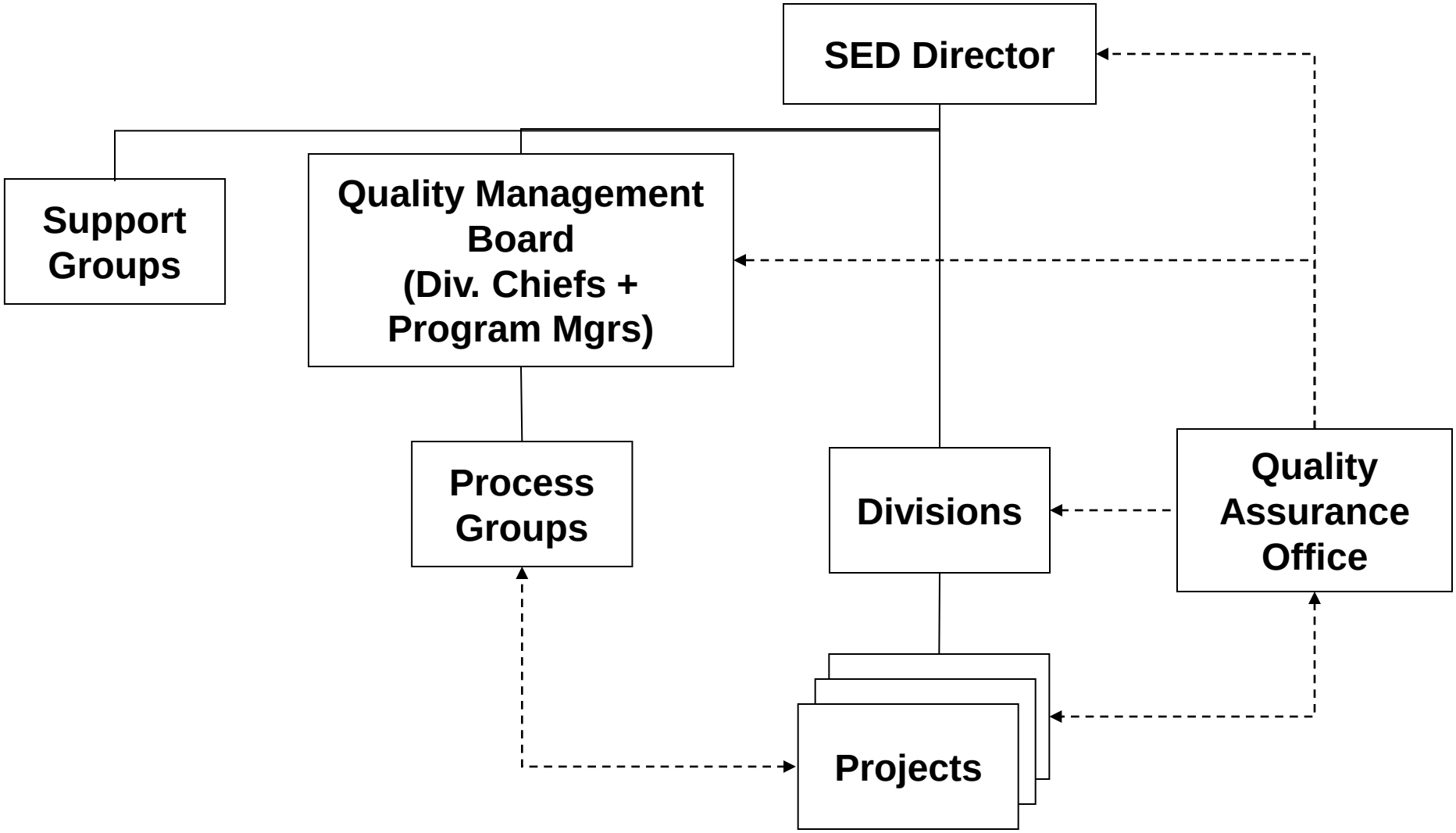
Background

- **Players on Integrated Product Team**
  - **Customer: U.S. Army AMCOM SED**
  - **O2K/SCRS team: SAIC ATG (+ 30 subs)**
  - **BASES team: Westar (+ several subs)**
  - **Other: UAH**
- **Mission**
  - **Develop and sustain software for tactical missiles and air vehicles**
  - **Some systems we support: MLRS, Bradley, Javelin, FAAD, UAV, and TMDE**

Challenges

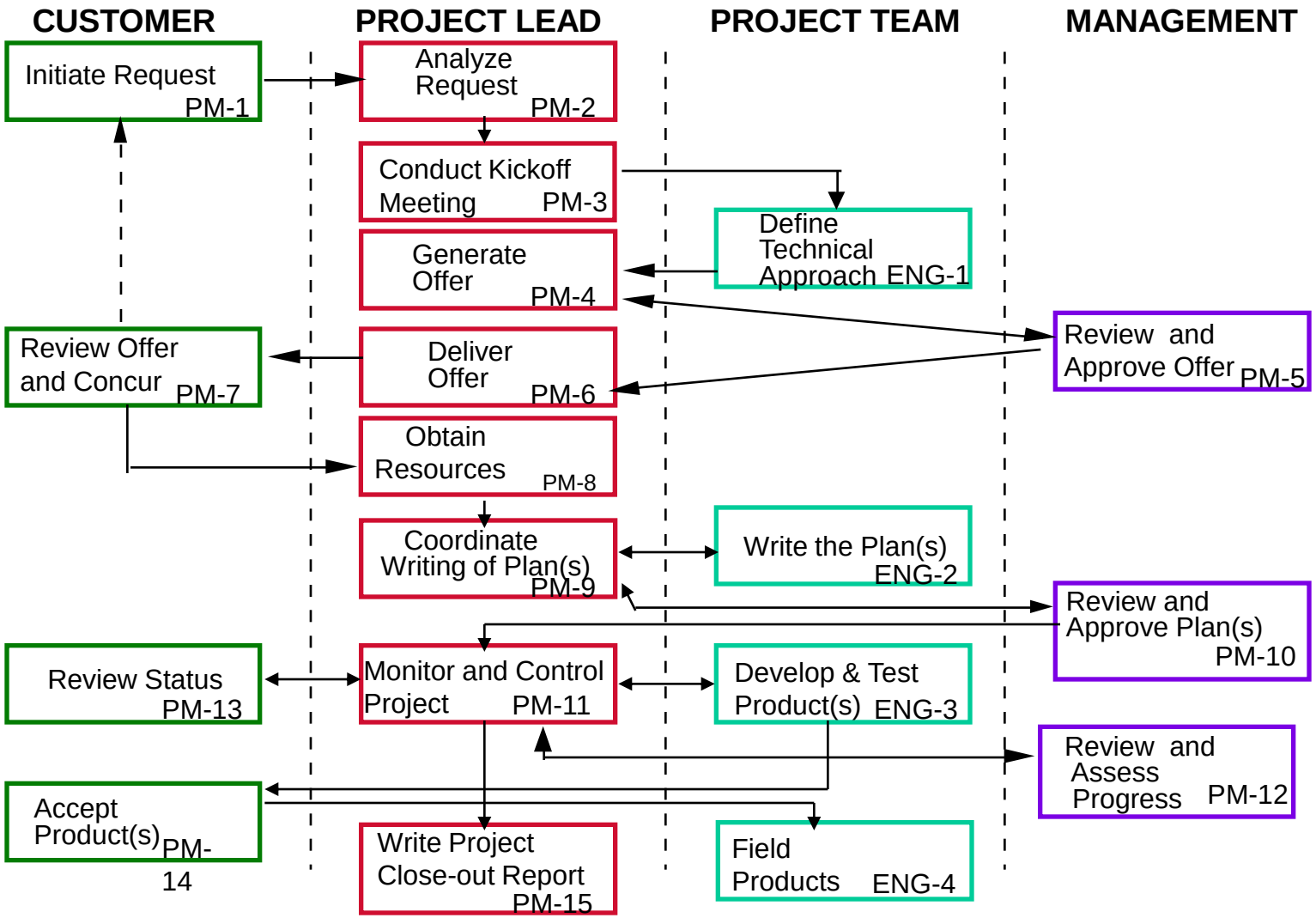
- **Diversity**
  - Several domains (C2, trainers, fire control, aviation, etc.)
  - 11 HOLS
  - 50 Projects (new development, transition, sustainment)
  - Team size: 3-25 people
  - Build cycle: 3-18 months
- **IPT**
  - SAIC
  - Subcontractors
  - Government
  - Competitive Contractors

Org Chart



Integrated Teams = Government and Contractor Employees

SED Standard Process*



***Built on existing processes (CM, QA)**

Process Improvement History

- **Sep ’91** **First assessment**
- **May ’94** **Rated CMM Level 2**
- **Nov ’96** **Rated CMM Level 3**
- **Apr ’00** **Rated CMM Level 4**
- **Jan ’01** **Defect Working Group formed**
- **May ’02** **CMMI migration plan**
- **Jul ’02** **Start CMMI training and planning**
- **Sep ’02** **Established partnership with SEI**
- **Oct ’02** **Revised process released**
- **Jan ’03** **Began beta testing defect database**

Process Highlights: Participation

- **Totally integrated from day one**
- **Supervisors include “process” in employee’s performance objectives**
- **Every project has a free mentor (from Process Group)**
- **QAO audits all projects**
- **Annual Reports to QMB (process, QA, training)**

Process Highlights: Training

- **Everyone has one or more Roles**
- **Each Role has required Courses (Course/Role Matrix)**
- **Metrics tracks who completes required courses**
- **Training never stops**