

Elma Enclosure Questionnaire:

Elma is the top provider of electronic enclosure worldwide. Custom and modified standard products are the norm. Additionally, Elma can provide cabling and I/O panels complete with silk screening and connectors. Total contract manufacturing and/or integration is available.

Top Level:

1. What's the program name?
2. What is the application?
3. Is requirement funded or proposal stage?
4. Which vendor boards or custom boards are planned to be used by slot?

-Backplane:

1. What type backplane? VXI, VME, VME64, VME64X, CompactPCI, PCI, Starfabric, 2.16 Packet Switched, VXS, VPX, Custom.
2. For VME; VME or VME64X? 3 or 5 row backplane? Is P0 required?
3. What size boards? 9U, 6U, 3U or custom. Depth? 160 mm standard.
4. How many slots required?
5. Is rear I/O required? (i.e. for transition cards or cables)
6. Is a rear I/O panel a requirement?
7. Is cabling a requirement?
8. Slot orientation, Horizontal or vertical?

-Power Supply:

1. What is the input voltage? AC or DC?

2. Is any special input voltage filtering required?
3. What power requirements per voltage are there? (ie power matrix)
4. Are removable supplies required? Redundant? Otherwise fixed most cost effective.

-Fans:

1. What is the desired airflow, bottom to top, or front to back or side to side?
1. Do fans need to be field removable?
2. Is air filtering required? Removable?

-Physical

1. Rackmount or desktop? Or both?
2. Are peripheral slot required for hard drives, CD-ROM, etc?
3. Is a front door a requirement? Metal or Plexiglas?
4. Are there any height, width or depth requirements or restrictions?
5. What environmental specifications do you need to meet? MIL specs? Shock, vibration, temperature, altitude, EMI/RFI?
6. Color or paint requirements?
7. Are cabinets required?
8. What delivery do you need? Standard is 8 weeks.