



FAST



Fleet Assessment Support Tool

Program Requirements and Status

17 October 2002



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Outline

- Accomplishments and Status
- Program Design Process Flow Charts
- Sample User Interface Screens (2 Kilo Module)
- Plan of Action and Milestones
- Questions and Comments



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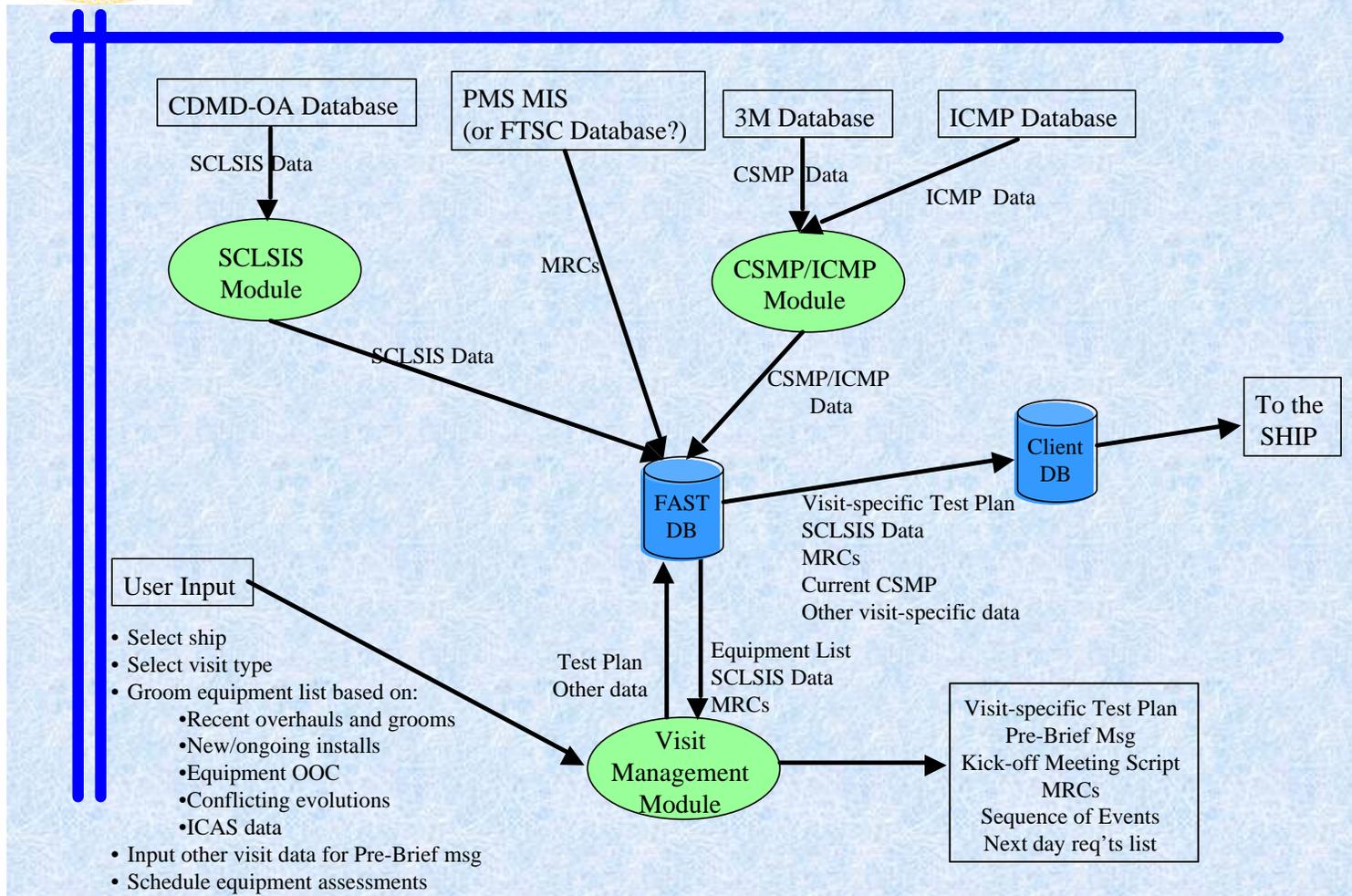


Accomplishments and Status

- Approved the program requirements
- Modular design of FAST Program 90% complete
- Gained access to Navy 3M and CDMD-OA data sources
- Initiated design of User Interface
- Conducted first User Interface design review
- Met with NSWC Corona technicians for requirements to support TSP
- Initiated coding of 2 Kilo Module Code Object

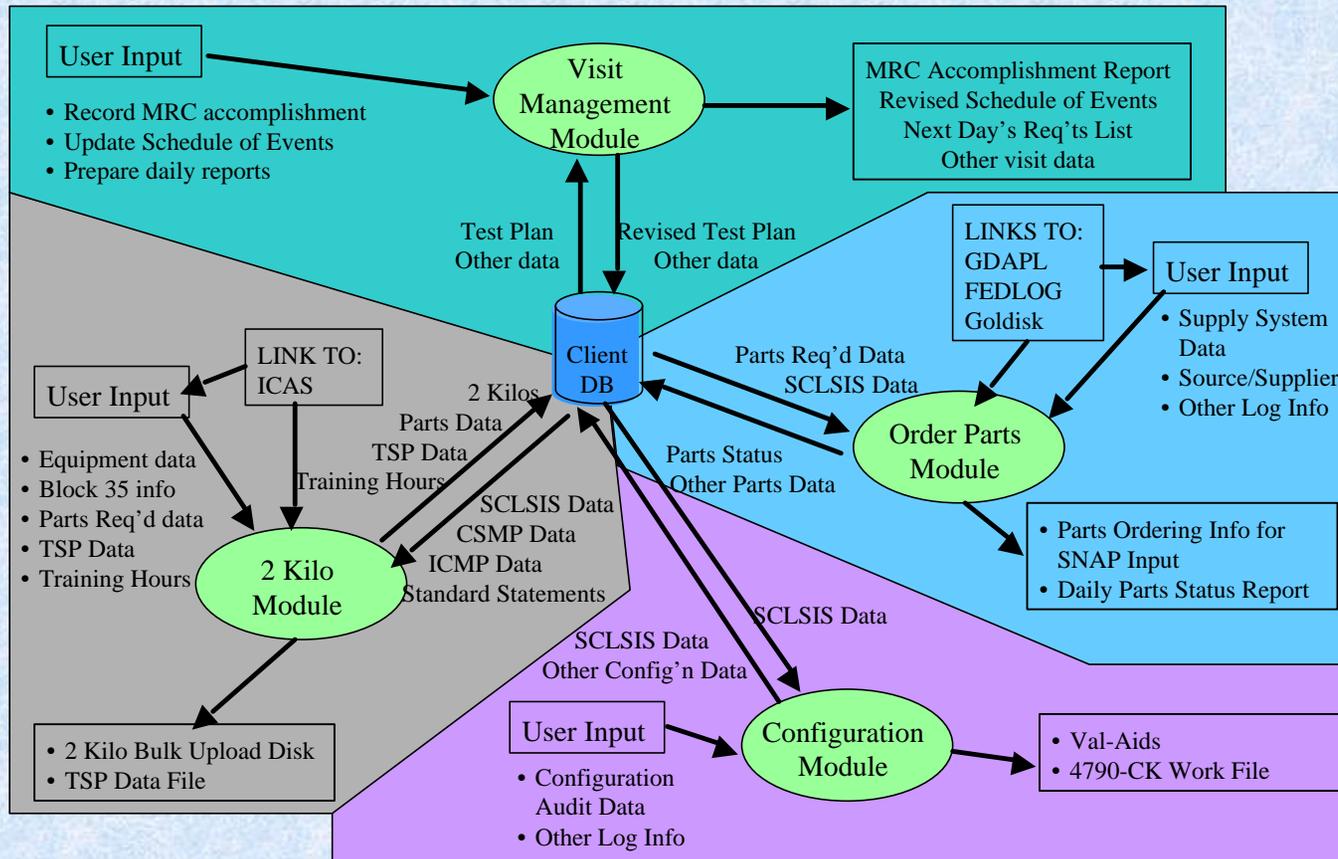


Pre-Visit Process



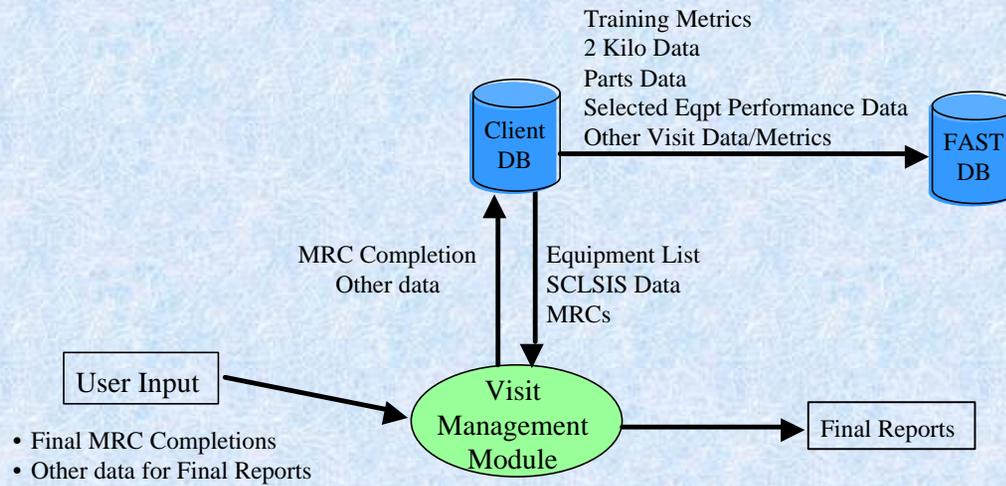


Visit Process (On the Ship)





Post-Visit Process





User Interface

Webform1 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address http://localhost/smaf/smaf.aspx

2-Kilo Existing

2-Kilo

CK

Reports

SCLISIS

CSMP

ICMP

Help

SMAF create SNAP

SFMH Esp Originator Secondary

Safety Hazard None Problem Description

Priority Desirable

Status Other or No Malfunction

Cause Other or No Malfunction Recommended Action

Type Availability Depot

When Discovered During AEC Visit

Deferral Reason Other or No Malfunction

WBRCTR RDN APL ESWS EIC Serial Location

OK new 2-Kilo Update 2-Kilo

Done

Start Smaf_DE - Microsoft... F.A.S.T. Smaf - Microsoft Visu... Webform1 - Micro... Local intranet 12:52 AM



User Interface

2-Kilo Existing

Existing 2-Kilo SMAF

Parts

Completed

New 2-Kilo

CK

Reports

SCLISIS

CSMP

ICMP

Help

SFMH Exp Originator Summary

Safety Hazard None

Priority Desirable

Status Other or No Malfunction

Cause Other or No Malfunction

Type Availability Depot

Problem Description

Recommended Action

When Discovered During AEC Visit

Deferral Reason Other or No Malfunction

WRKCTR RIN APL ESWBS EIC Serial Location



User Interface

WebForm1 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Go Back Search Favorites Media

Address http://localhost/smaf/smafstart.aspx

2-Kilo

Existing 2-Kilo

[Display by Equip](#)

[Display by WC](#)

[Display by Date](#)

[Parts](#)

[Completed](#)

[New 2-Kilo](#)

[CK](#)

[Reports](#)

[SCLISIS](#)

[CSMP](#)

[ICMP](#)

[Help](#)

2-Kilo Existing

SMAF

SFMH Exp Originator Summary

Safety Hazard None

Priority Desirable

Status Other or No Malfunction

Cause Other or No Malfunction

Type Availability Depot

When Discovered During AEC Visit

Deferral Reason Other or No Malfunction

Problem Description

Recommended Action

WRE CTR	RIN	APL	ESWBS	EIC	Serial	Location
<input type="text"/>						

Done

Local intranet

Start

SMAF_DB - Mic...

F.A.S.T

SMAF - Micros...

WebForm1 - ...

Microsoft Photo...

12:51 AM



User Interface

[2-Kilo](#)
[Existing 2-Kilo](#)
[Parts](#)
[Completed](#)
[New 2-Kilo](#)
[CK](#)
[Reports](#)
[SCLISIS](#)
[CSMP](#)
[ICMP](#)
[Help](#)

2-Kilo Completed

SMAF

Summary

Parts Usage

Job Closing Remarks

Actual Solution

Date SF Mhrs Admin Mhrs MRC 1 MRC 2 MRC 3 CK Required



Plan of Action and Milestones



ID	Task Name	% Complete	Start	Finish	Duration	Sep 2002			Oct 2002			Nov 2002			Dec 2002			Jan 2003			Feb 2003			Mar 2003					
						9/1	9/8	9/15	9/22	9/29	10/6	10/13	10/20	10/27	11/3	11/10	11/17	11/24	12/1	12/8	12/15	12/22	12/29	1/5	1/12	1/19	1/26	2/2	2/9
1	FAST Program	20%	8/1/2002	4/7/2003	178d																								
2	Establish Requirements	95%	8/1/2002	9/12/2002	31d																								
3	Software Design Effort	90%	9/2/2002	11/8/2002	50d																								
4	Database Schema Redesign	90%	9/2/2002	9/13/2002	10d																								
5	Logic Design	90%	9/16/2002	10/11/2002	20d																								
6	User Interface Design	80%	10/11/2002	11/7/2002	20d																								
7	Critical Design Review	100%	10/31/2002	10/31/2002	0d																								
8	Software Development	20%	9/16/2002	4/1/2003	142d																								
9	Coding logic	40%	9/16/2002	12/23/2002	71d																								
10	4790 CK	35%	9/16/2002	12/23/2002	71d																								
11	2-Kilo	60%	9/16/2002	12/23/2002	71d																								
12	User Interface Development	20%	12/23/2002	3/31/2003	71d																								
13	Reports	0%	12/23/2002	1/31/2003	30d																								
14	Test Software	0%	1/15/2003	4/1/2003	55d																								
15	Pre-planned Product Improvement	0%	2/17/2003	5/1/2003	54d																								



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Questions and Comments



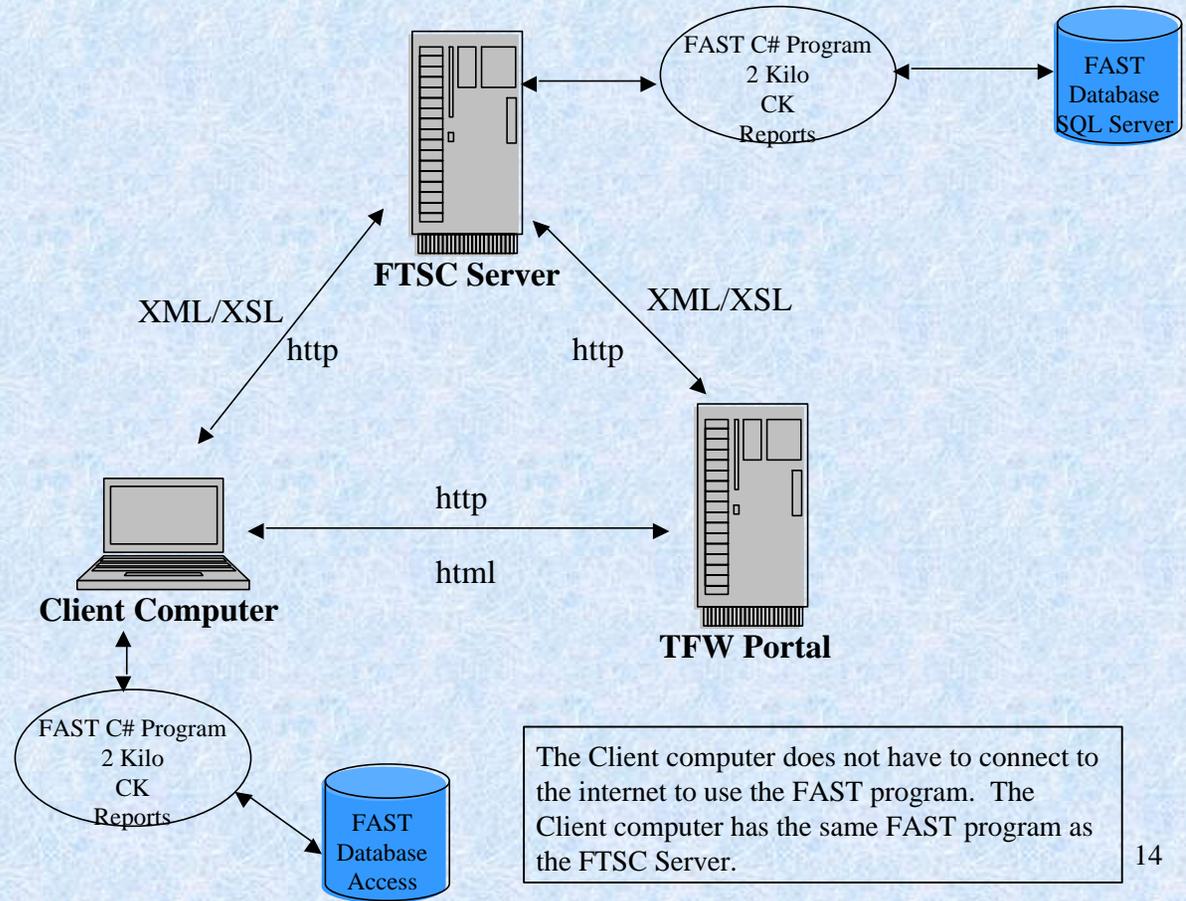
FAST



Back-up Slides



FAST Concept Overview



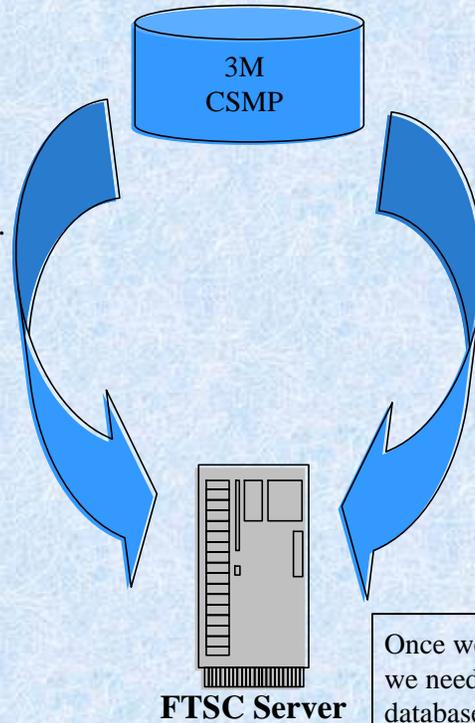
The Client computer does not have to connect to the internet to use the FAST program. The Client computer has the same FAST program as the FTSC Server.



CSMP Data from 3M

AUTOMATED METHOD.

Use FAST program to connect to 3M using ODBC connection and get CSMP data.



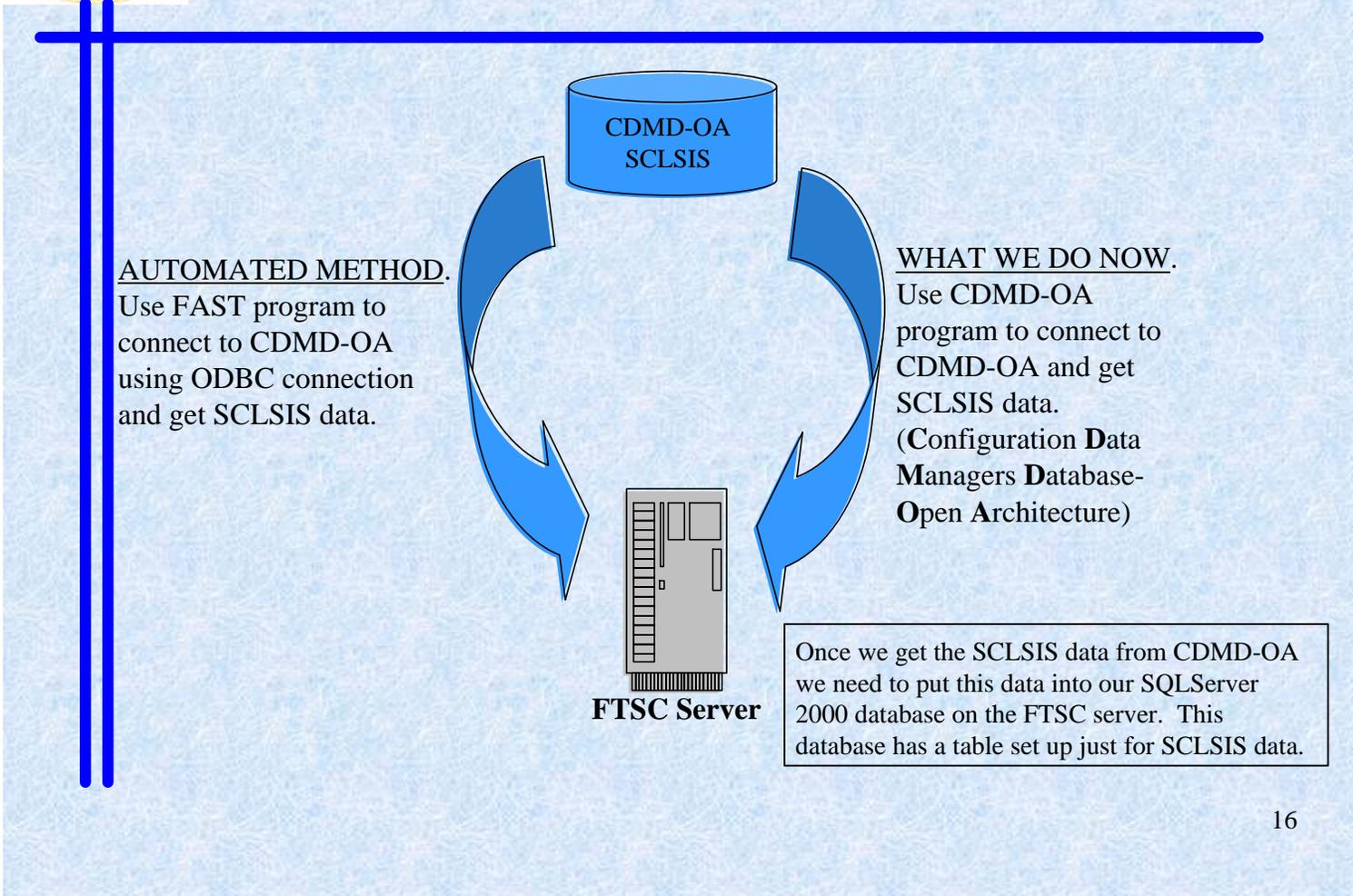
WHAT WE DO NOW.

Use OARS program to connect to 3M and get CSMP data.
(Open Architecture Retrieval System)

Once we get the CSMP data from the 3M System we need to put this data into our SQLServer 2000 database on the FTSC server. This database has a table set up just for CSMP data.



SCLISIS Data from CDMD-OA

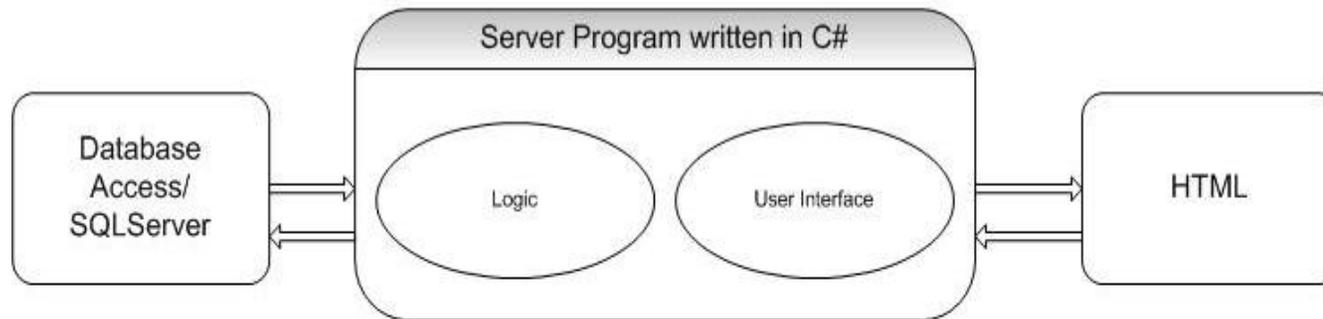




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Program 3-Tier Architecture



Each form will have a logic object and User Interface object. By separating the logic from User Interface the code will be easier to read and maintain. By making each form an object the program will be modular and able to grow or shrink with minimal work.



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Object Design

