GTCC/BRC

Designated External System		GTCS			

Natural Ressource Earthquake Notification System

Earthquake Notification System

Metrolinx internet access

Firewall

External System Gateway

Earthquake Notification Gateway

GTCC1/ BRC1/ active server	GTCC2/ BRC2/ passive server

Firewall

Control System

CS Server L1

OPC server

OPC Client

Port 80

RSS feed Periodic Request

Ethernet

RSS feed Request

RSS feed Request

XML Earthquake report

Port 80

Internet

Metrolinx Network

RSS feed response XML

DMZ   http

Port 4840

DMZ

GTCS Network

5 most recent significant earthquake reports

RSS feed response XML

RSS feed response XML

OPC-UA

~~OPC Structure~~

Pseudo-OPC Structure

OPC-UA

~~OPC Structure~~

Pseudo-OPC Structure
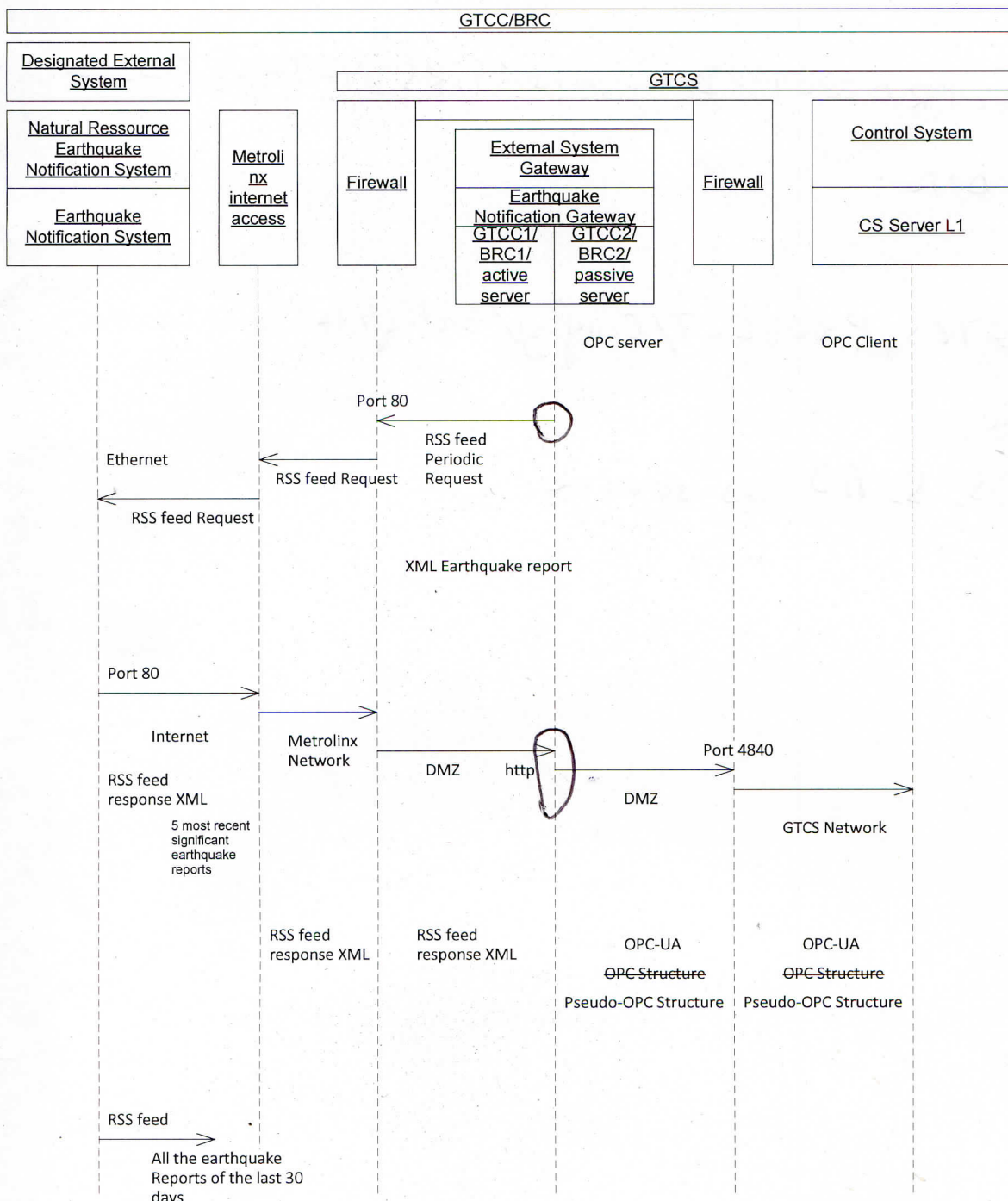
RSS feed

All the earthquake Reports of the last 30 days

The Earthquake Notification Gateway shall publish
the earthquake reports provided by the RSS feed (XML format)
in the OPC-UA "EarthquakeReports" structure.

SaAD : 4. 25, 2

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