# System Platform Advanced Topics Syllabus

## Course Description

The advanced topics of system platform.  Teaches how to protect your system from ransomware with simple backups.  Teaches you to protect against the even greater threat, yourself, by doing upgrades in-parallel leave the existing system running while you build anew.  And teaches architecting a system along with migrating InTouch apps and building a small OMI app.

## Objectives

- learn how to do in-parallel upgrade
- learn a simple disaster recovery method that avoid complicated IT VM backups
- learn how to architect a system
- learn how to migrate a stand-alone intouch application to system platform
- learn the essence of OMI.  Enough to do a small app.

## Audiences

People who have a big system (>25,000 I/O) to build or maintain.  People who have many small systems to build (more than 2 a year).

## Prerequisites

Taken the System Platform Training course or equivalent experience (3 implementation/upgrade projects).

## Course Outline

### Upgrades Module

Covers in-parallel upgrades.  Meaning a new system is build up alongside the existing system then data/config files are migrated over.  Eventually a switchover occurs, usually during downtime.

Learn best practices for install System Platform.

### Migrate InTouch Module

Goes over the different methods for migrating an InTouch application to system platform.  The easiest leaves tags as is.  Medium difficulty is pointing the tags at objects.  And the most difficult is replacing the tags with objects.  Pros/Cons of all methods will be gone over.

### OMI Module

Become able to build a small OMI application.

## Architecture Module

Strengths of centralizing vs decentralizing is covered.  Strengths of multiple galaxy vs single galaxy is covered.  What to think about when naming computers is covered.  How many physical servers is covered.  And lots more.