



Synergy ITC Technical Specification

Synergy ITC is the content delivery and management system for Pitsco Education Modules. It provides instructors with the tools needed to schedule students into curriculum content and manage their grades received in that content. *Synergy ITC* also delivers content to students, including images, graphics, videos, and audio-based instruction. All of this is handled from the cloud.

Synergy ITC is built upon an in-house engine that leverages technologies such as PHP, MySQL, and JavaScript in a way that provides a consistent framework for development.

Pitsco Education Computer Specifications

Student Desktop Computer Dell – OptiPlex 7020	Student Laptop Dell Latitude 5000 series	Teacher Laptop Dell Latitude 5000 series
<ul style="list-style-type: none"> Intel Core I5 8 GB Memory Dell USB Keyboard Dell 19" Color Monitor 1 GB AMD Radeon 500 GB ATA Hard Drive Windows 7 Professional, 64-bit Dell USB Optical Mouse 8X DVD+/-RW Drive 	<ul style="list-style-type: none"> Intel Core i5 8 GB Memory Internal Keyboard 15.6" Screen 320 GB Hard Drive Windows 7 Professional, 64-bit 8X DVD Optical Drive Integrated Wireless Card 6-Cell Primary Battery 	<ul style="list-style-type: none"> Intel Core i5 8 GB Memory Internal Keyboard 15.6" Screen 320 GB Hard Drive Windows 7 Professional, 64-bit 8X DVD Optical Drive Integrated Wireless Card 6-Cell Primary Battery Dell E Series 19" Monitor E/Port, Replicator
<p align="center">Supported web browsers: Google Chrome 25+, Internet Explorer 11+, Firefox 19+</p>		

Network Specifications

Bandwidth requirements based on number of users	IPs requiring unrestricted access
<ul style="list-style-type: none"> Numbers of users (x) 120 kbps (Traffic estimate*) (+) 30% buffer = Bandwidth required <p>*Traffic estimate per usage weight = 120 kbps</p>	<ul style="list-style-type: none"> <i>ITC content</i>: itccontent.pitsco.com – 54.200.230.70 <i>ITC API</i>: itcapi.pitsco.com – 54.201.26.227 <i>ITC Live</i>: itc.pitsco.com – 54.200.148.187 <i>ITC Report</i>: itcreport.pitsco.com – 54.148.208.47 <i>ITC Video</i>: cloudfront.pitsco.com